

FIG. 1A

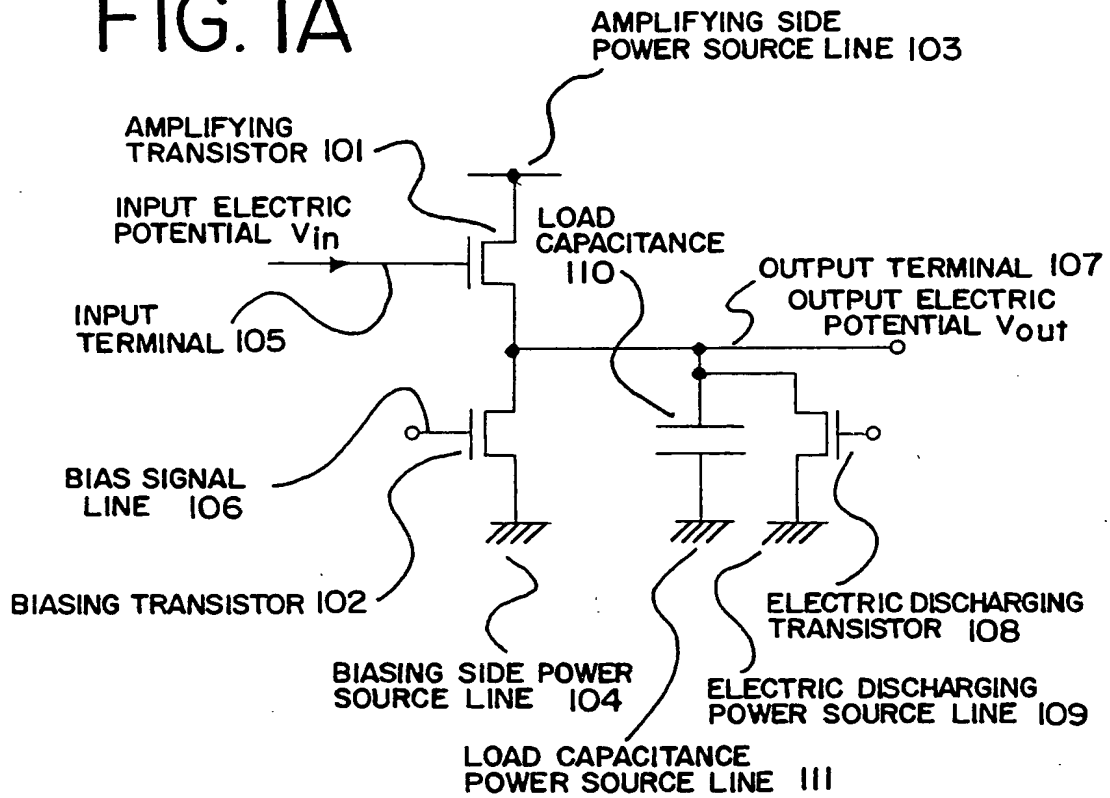


FIG. 1B

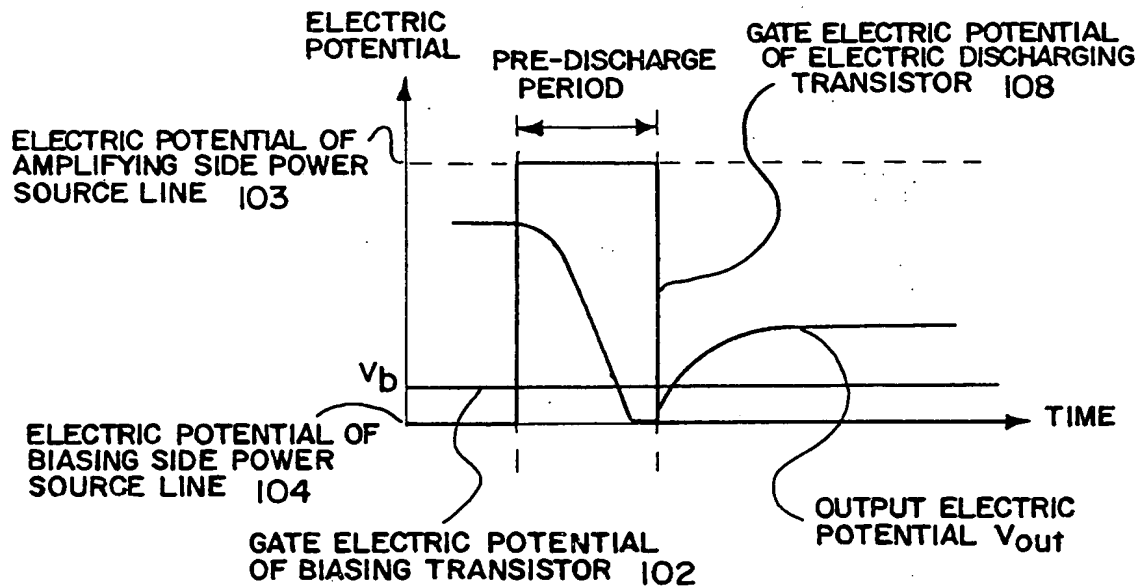


FIG. 2  
PRIOR ART

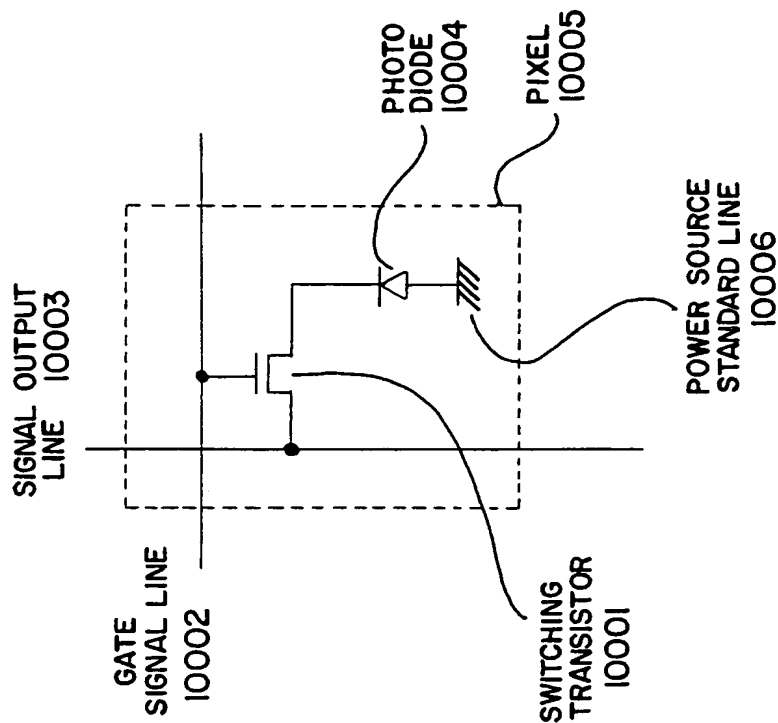
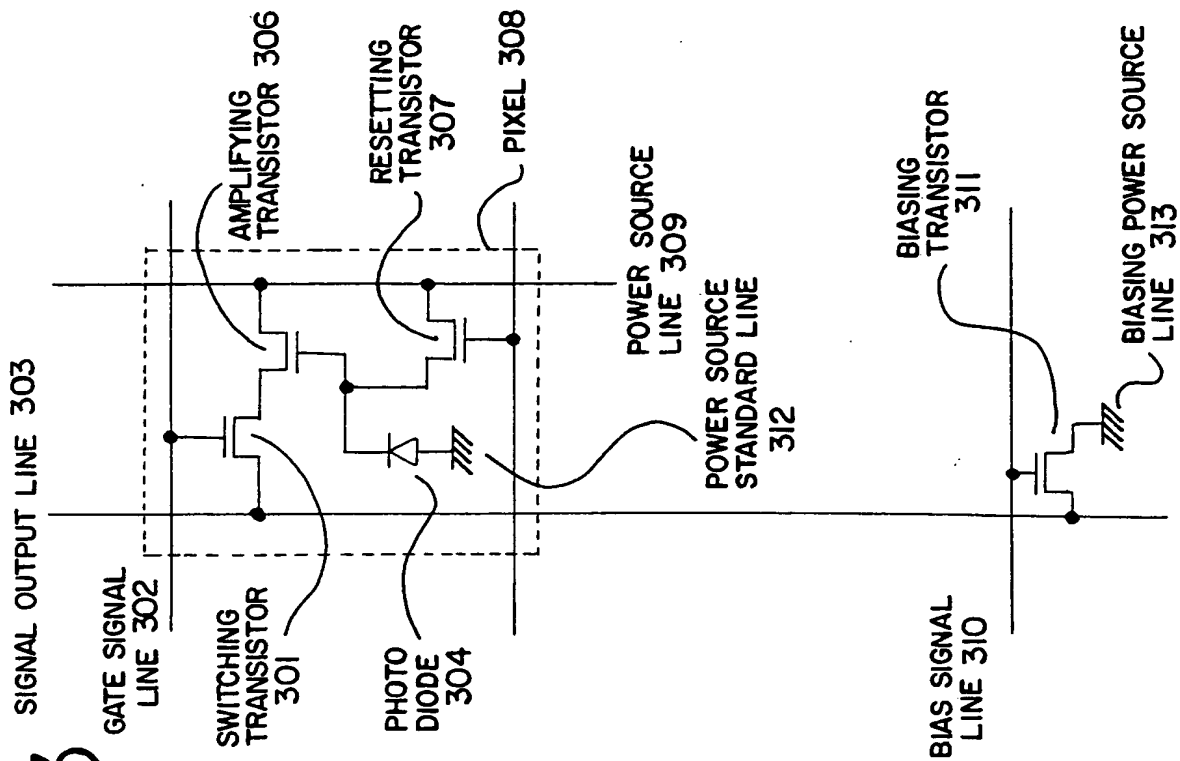
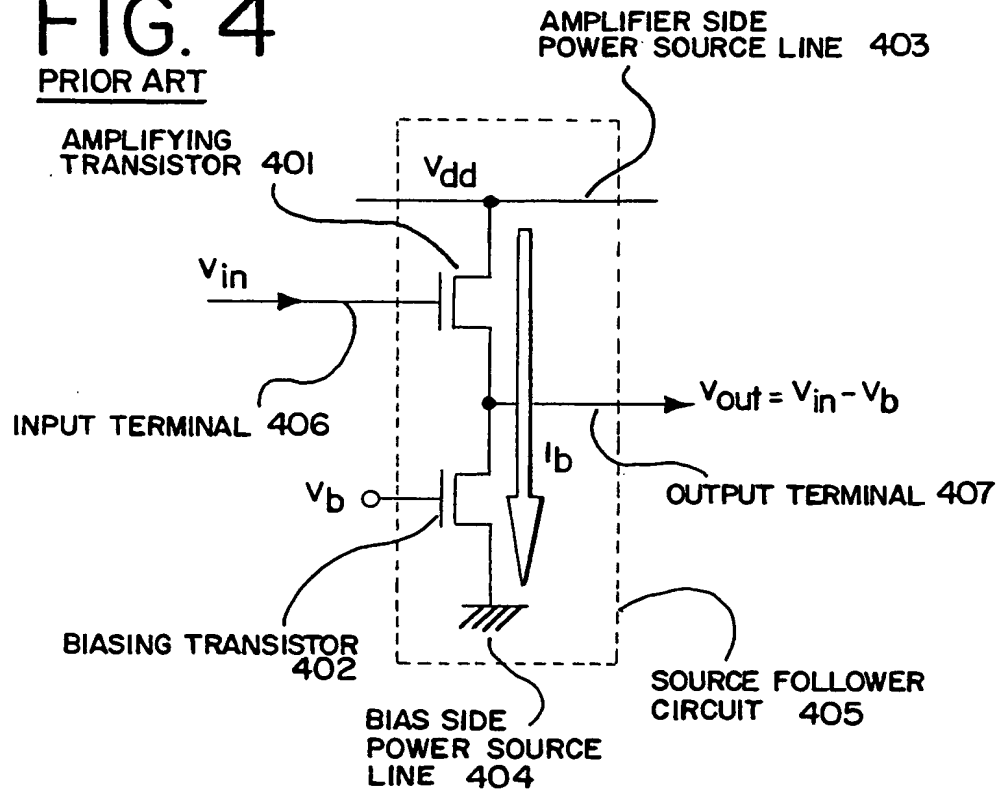


FIG. 3  
PRIOR ART



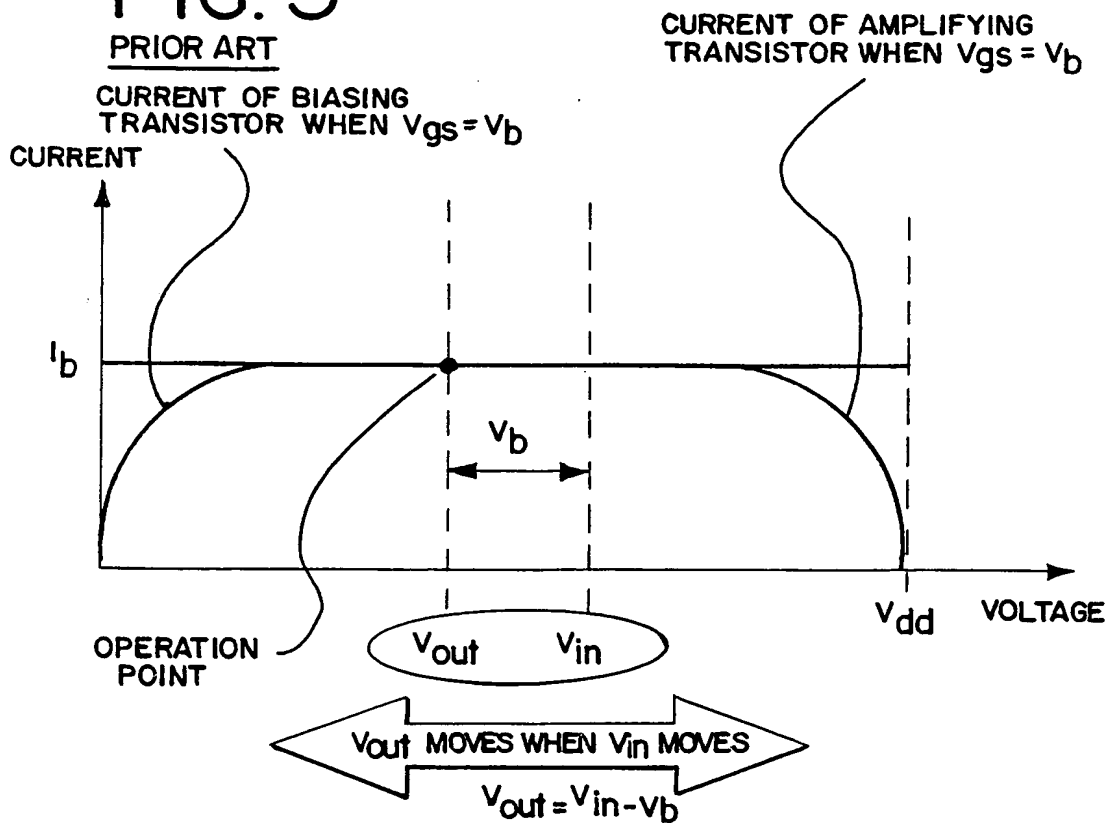
# FIG. 4

PRIOR ART



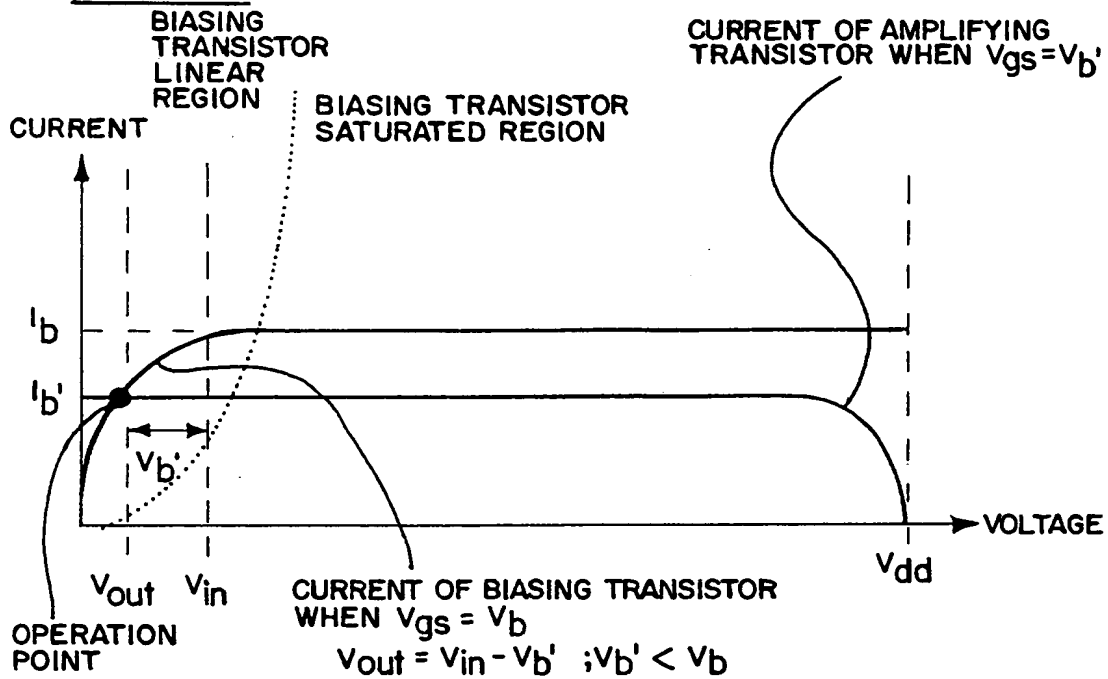
# FIG. 5

PRIOR ART



# FIG. 6

PRIOR ART



# FIG. 7

PRIOR ART

NON-LINEAR

LINEAR REGION

$$V_{out} = V_{in} - V_{b'}$$

;  $V_{b'}$  VARIES WITH  $V_{in}$

$$V_{out} = V_{in} - V_b$$

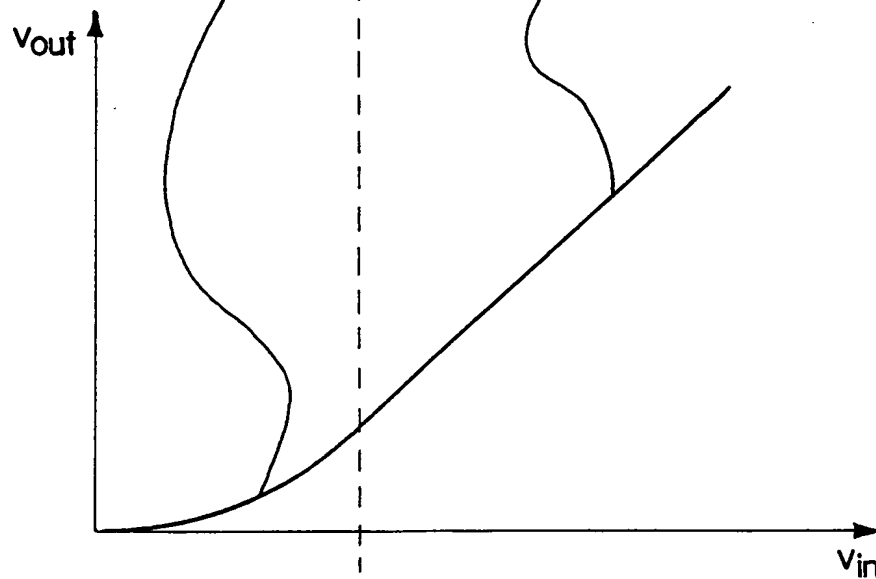


FIG. 8A

PRIOR ART

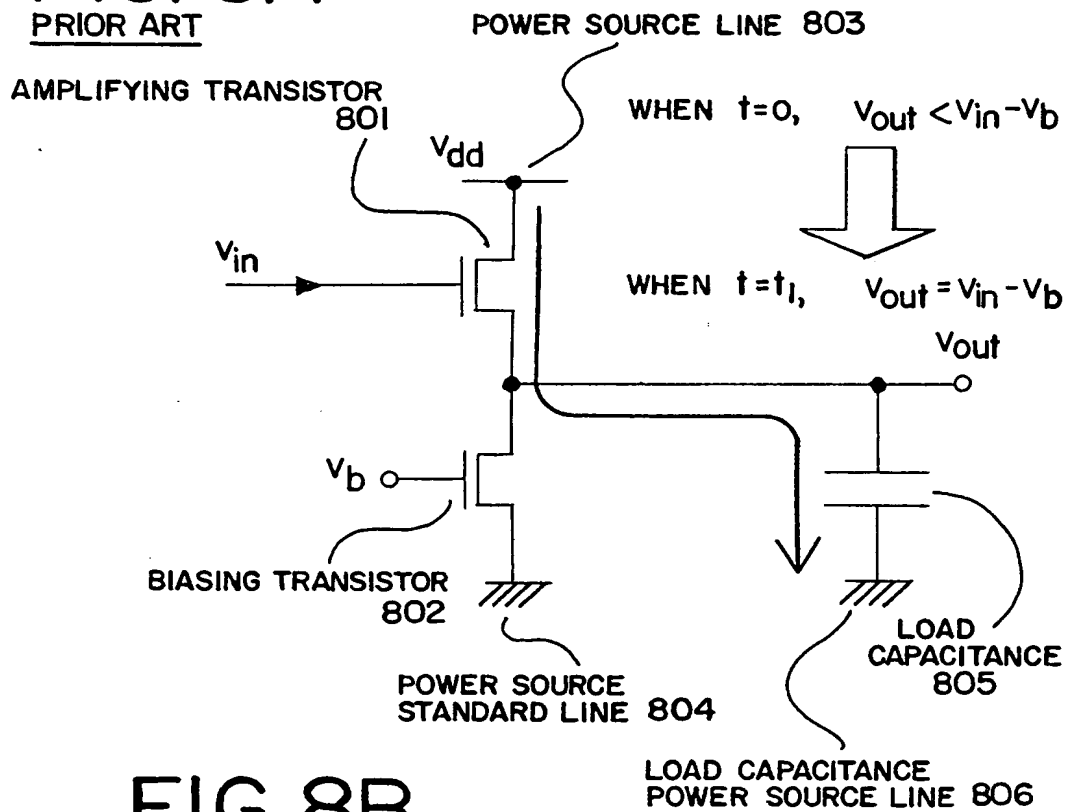


FIG. 8B

PRIOR ART

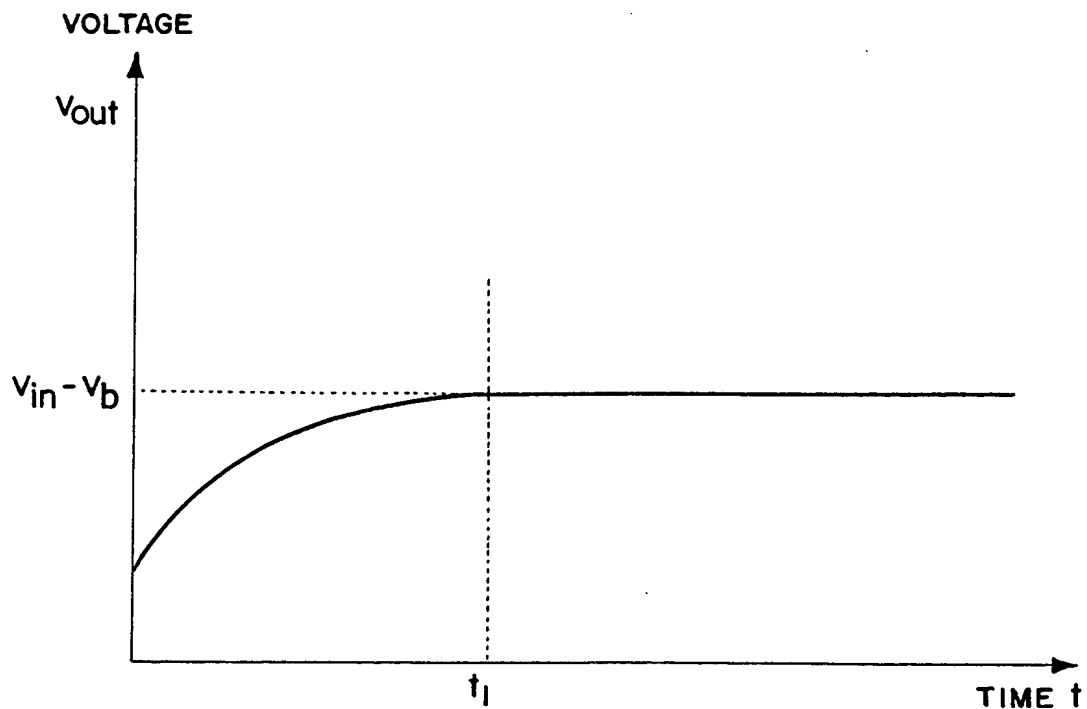


FIG. 9A

PRIOR ART

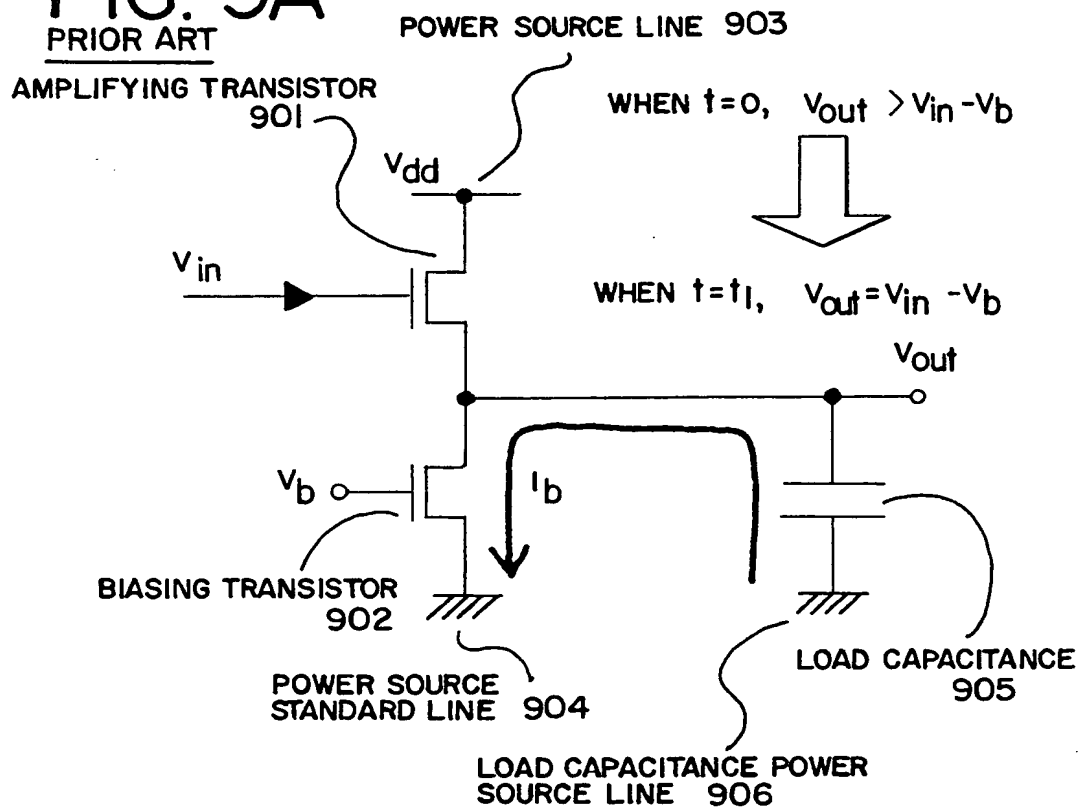
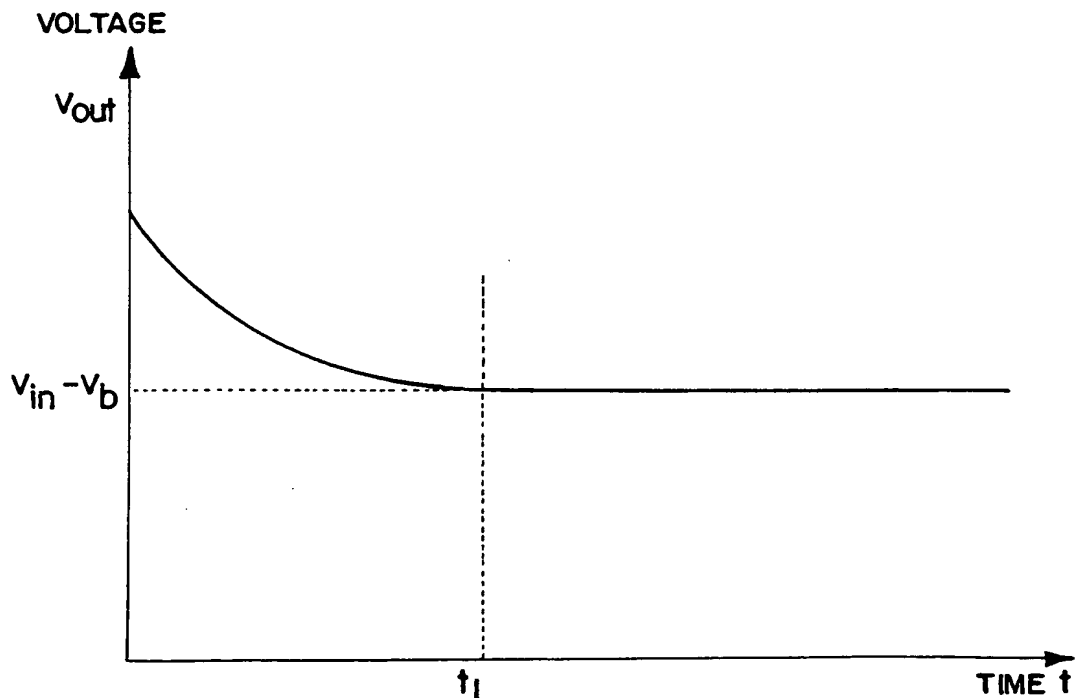


FIG. 9B

PRIOR ART



**FIG. 10**  
PRIOR ART

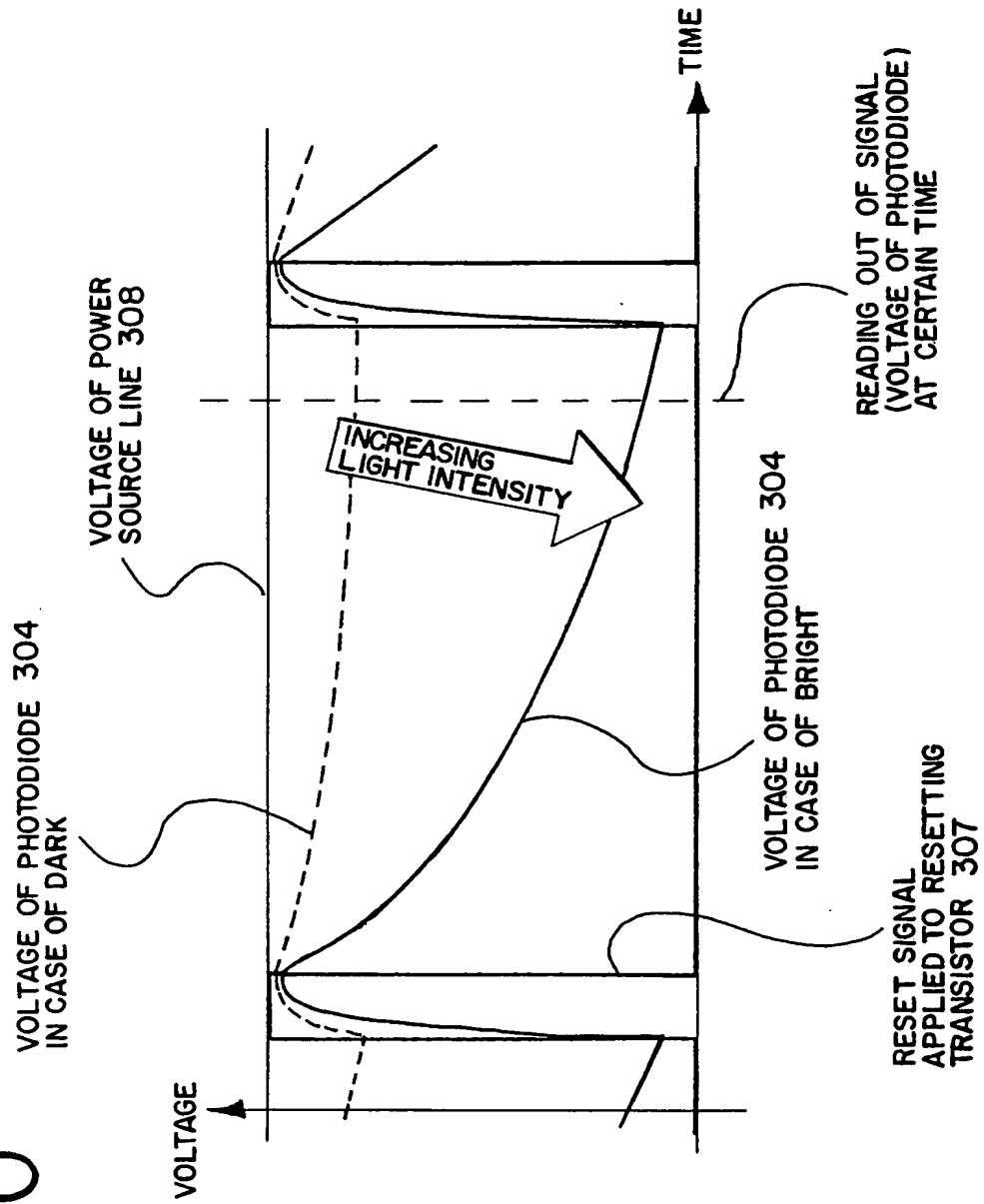


FIG. 11A

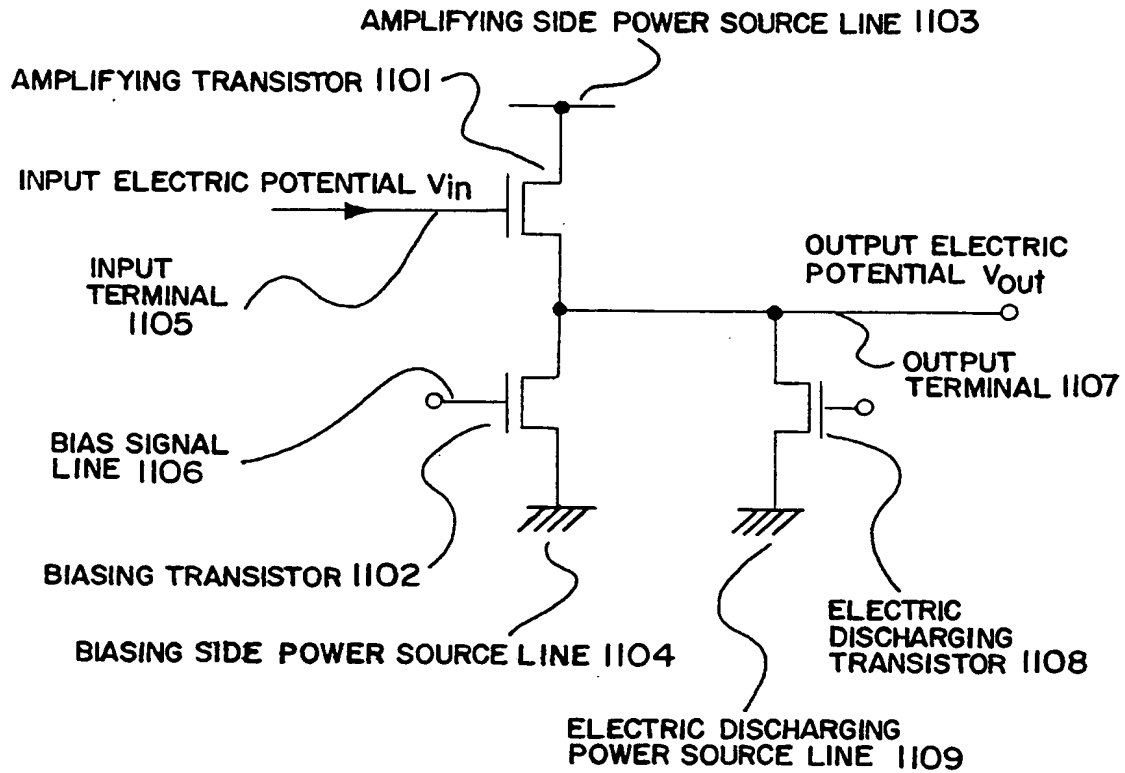


FIG. 11B

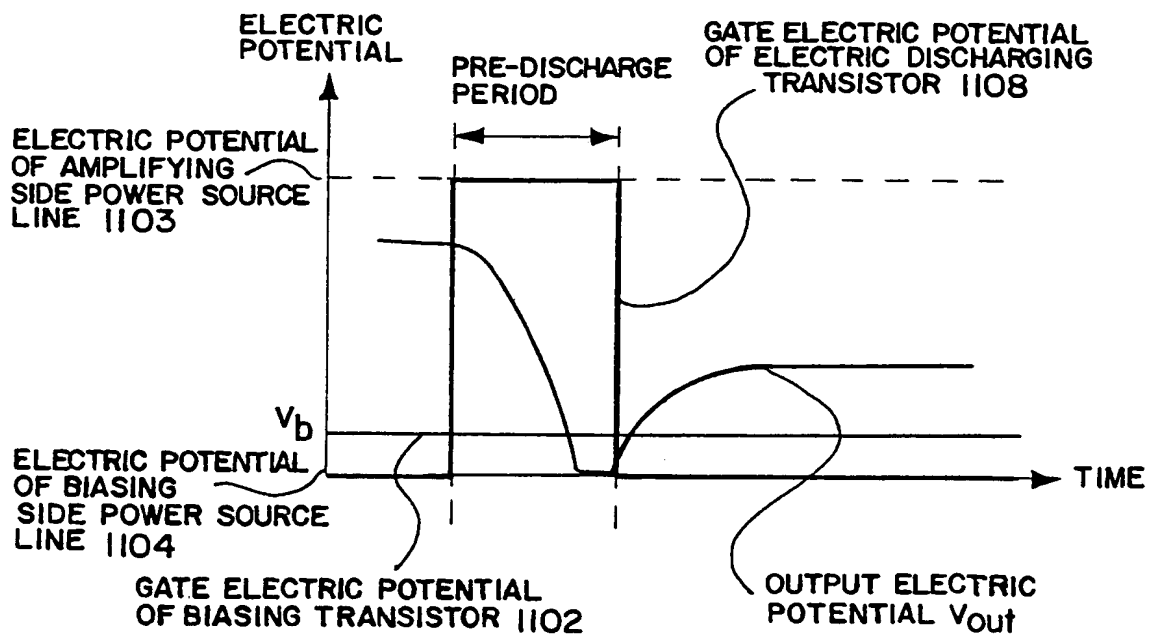




FIG. 12A

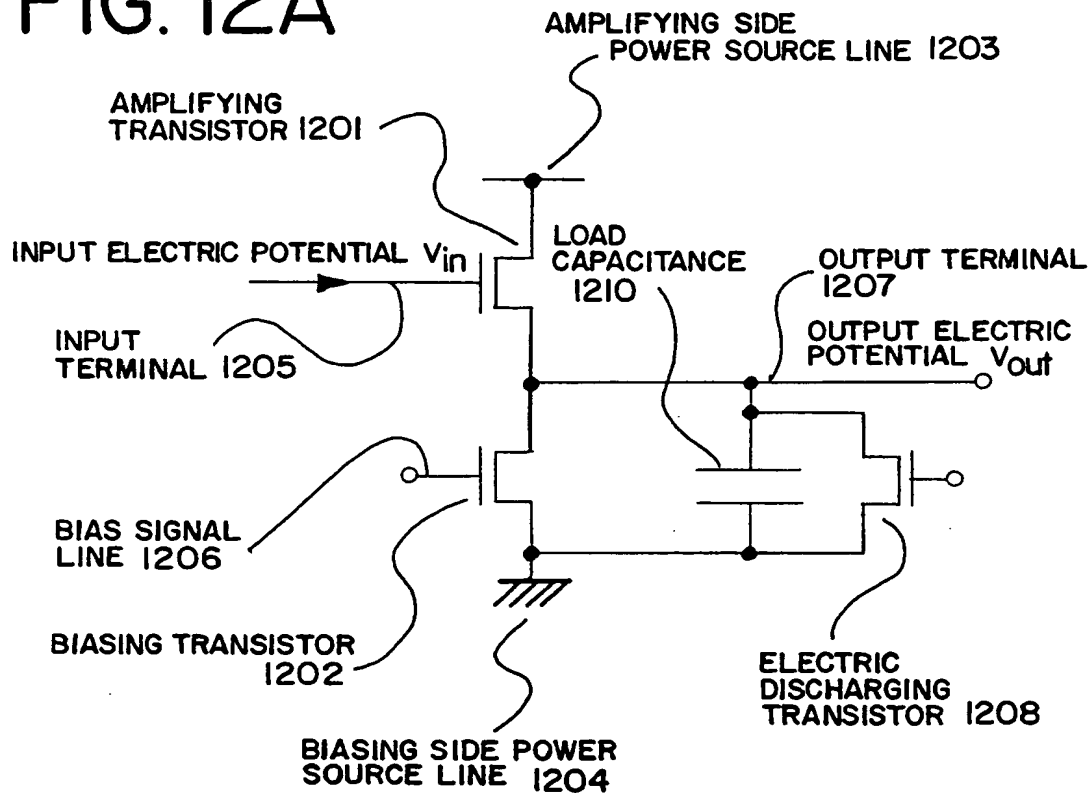


FIG. 12B

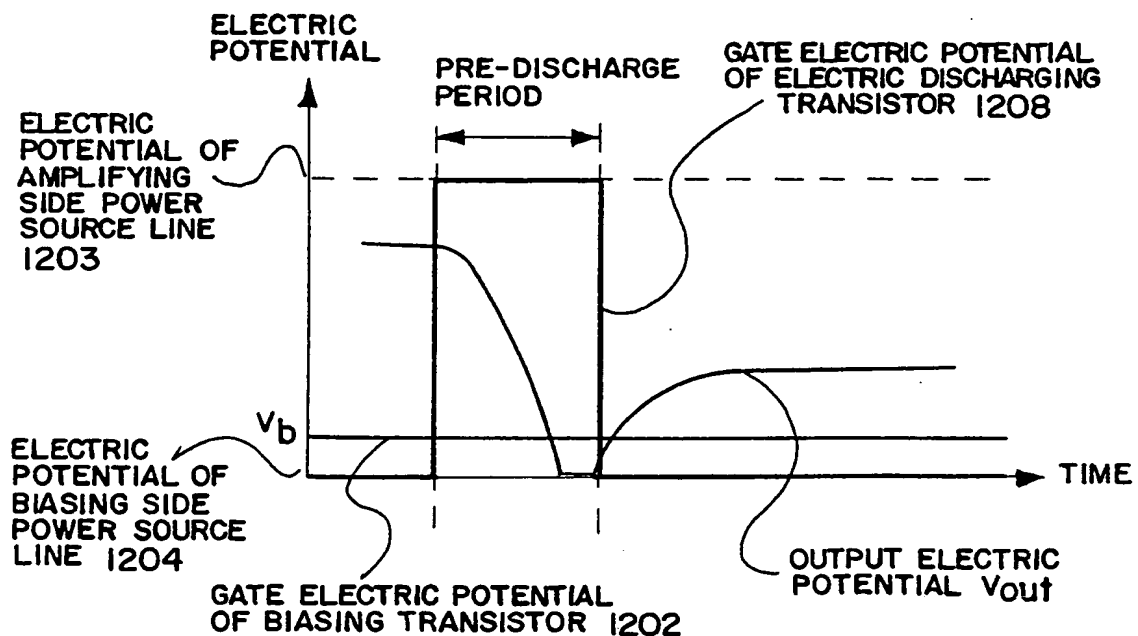


FIG. 13A

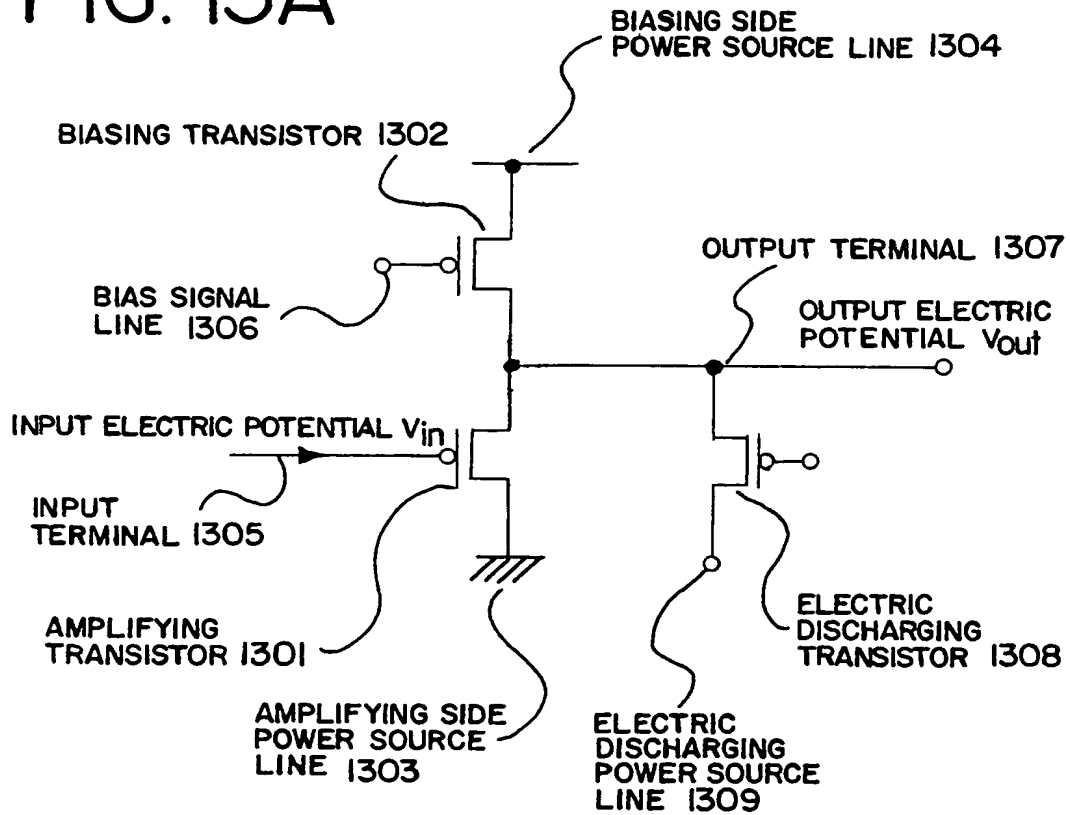


FIG. 13B

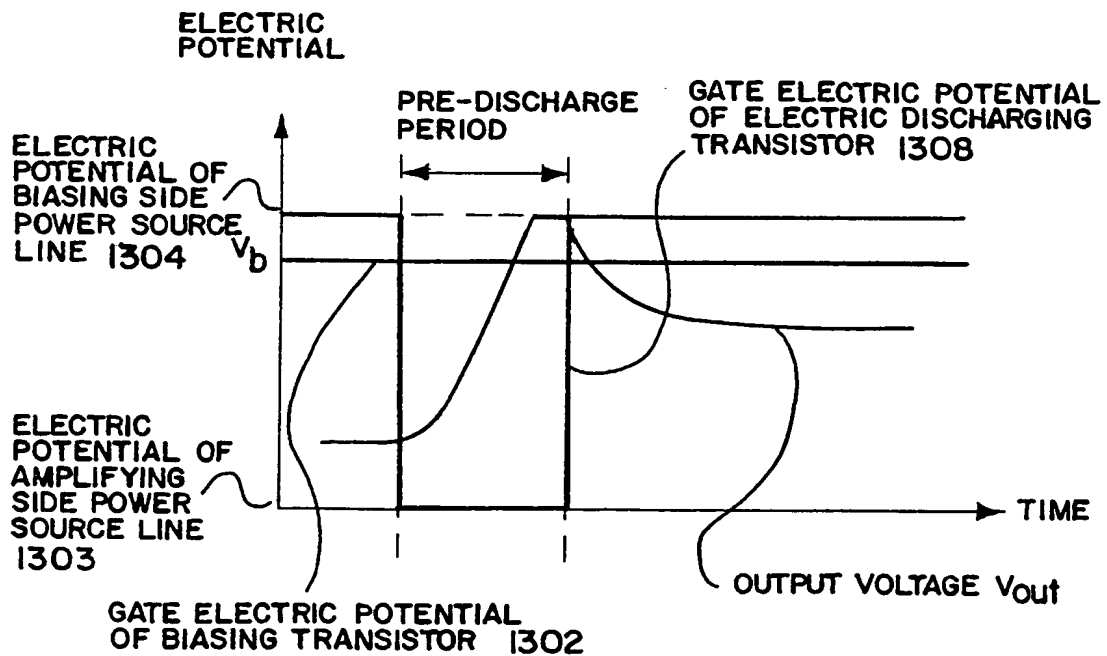


FIG. 14A

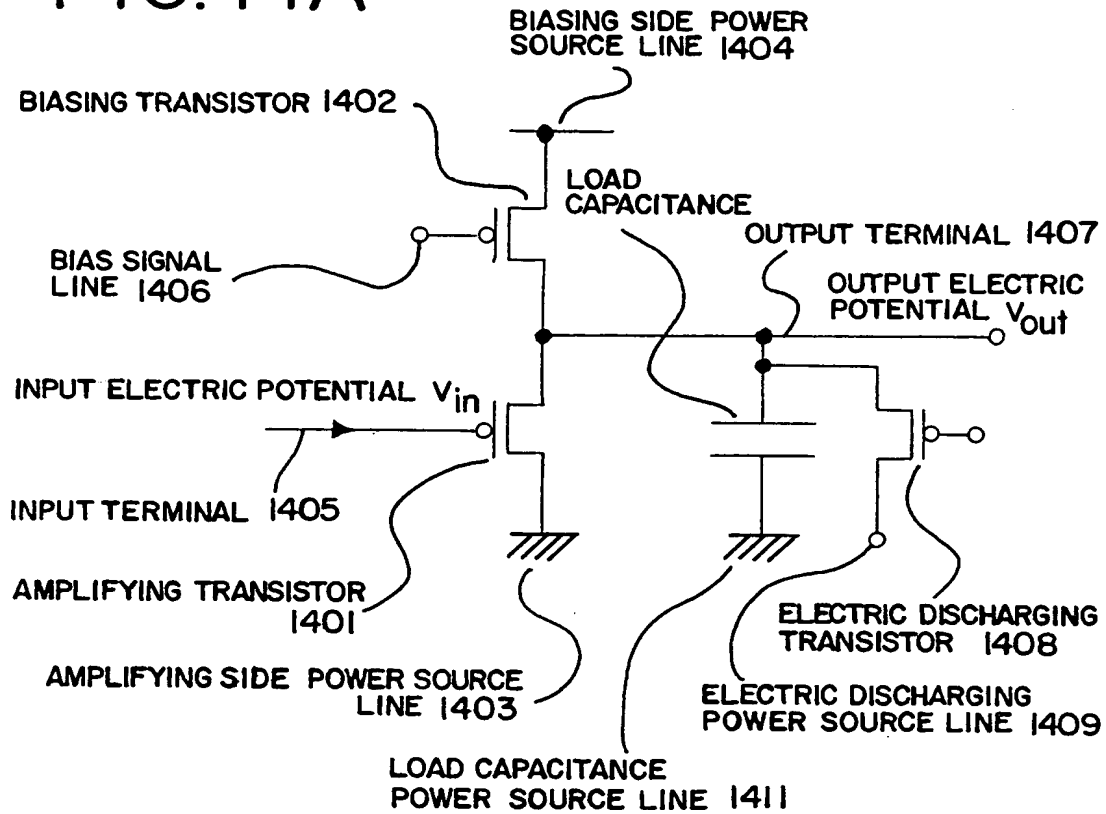


FIG. 14B

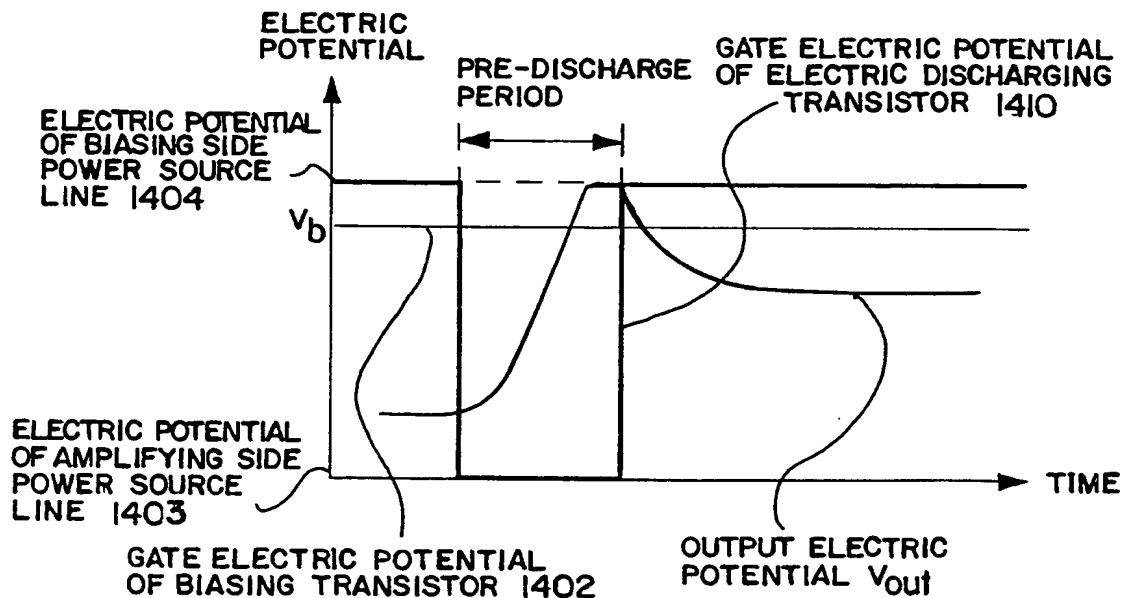


FIG. 15A

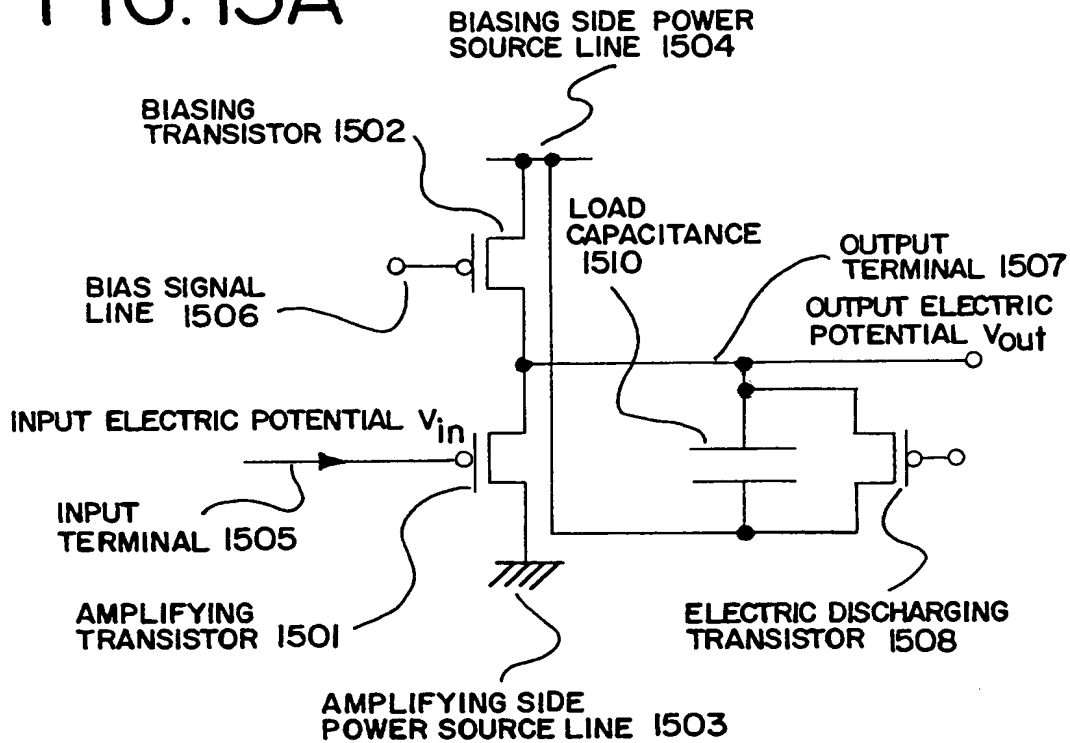


FIG. 15B

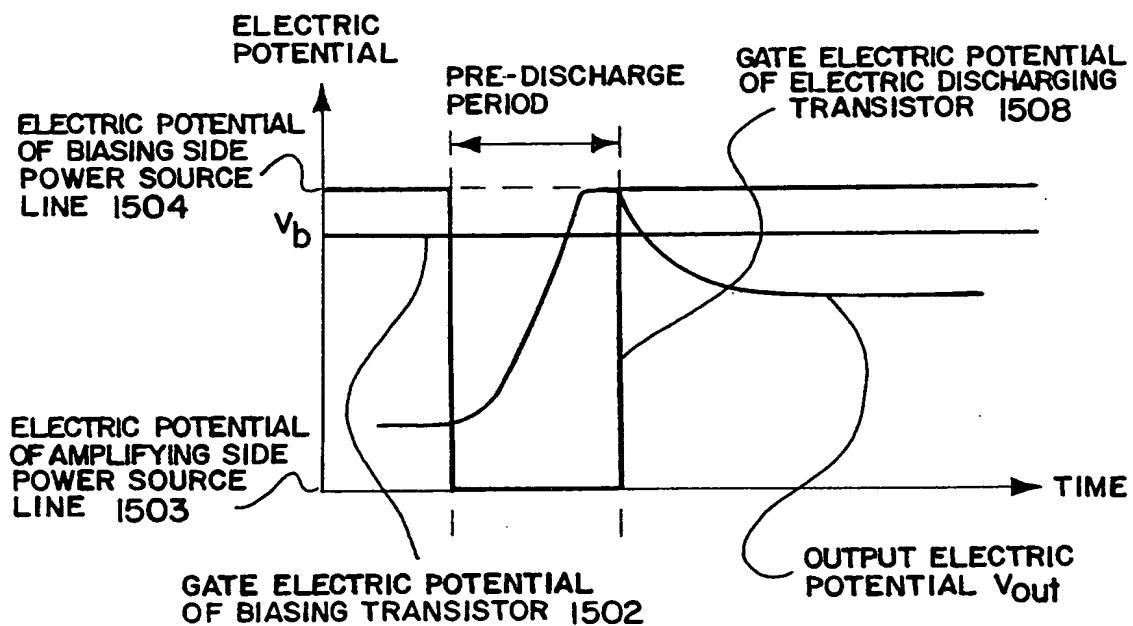


FIG. 16A

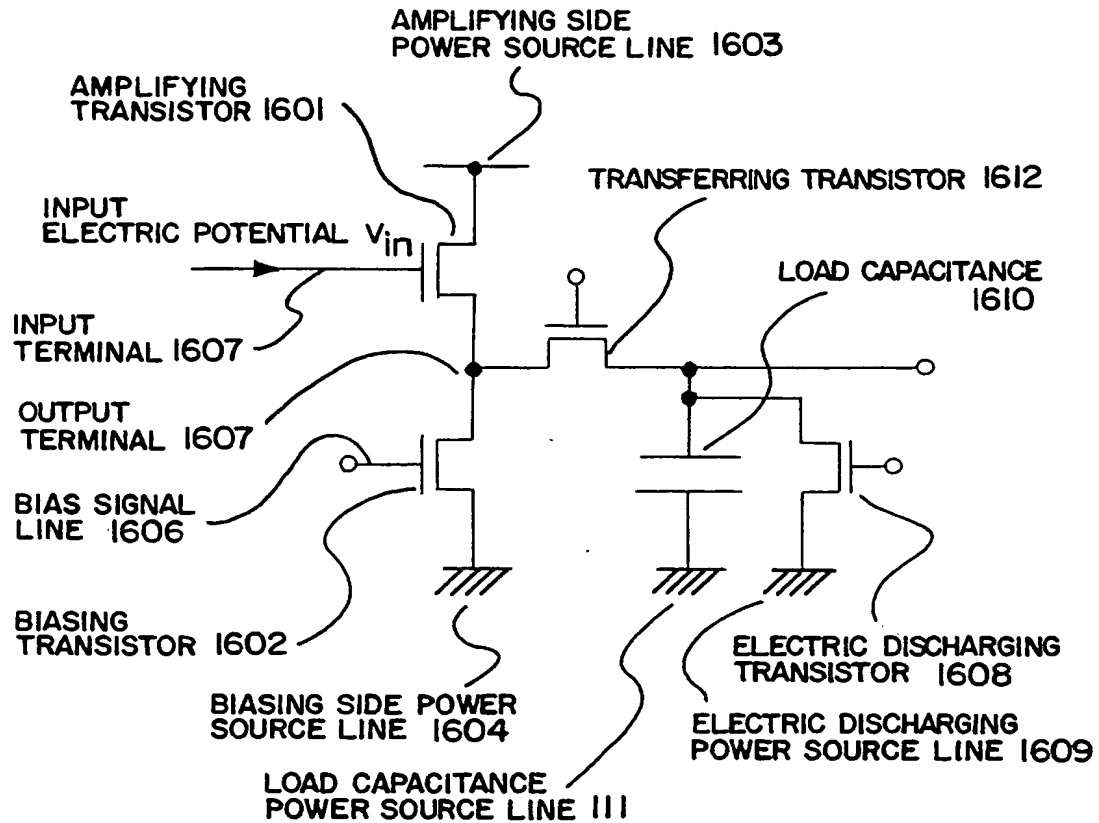


FIG. 16B

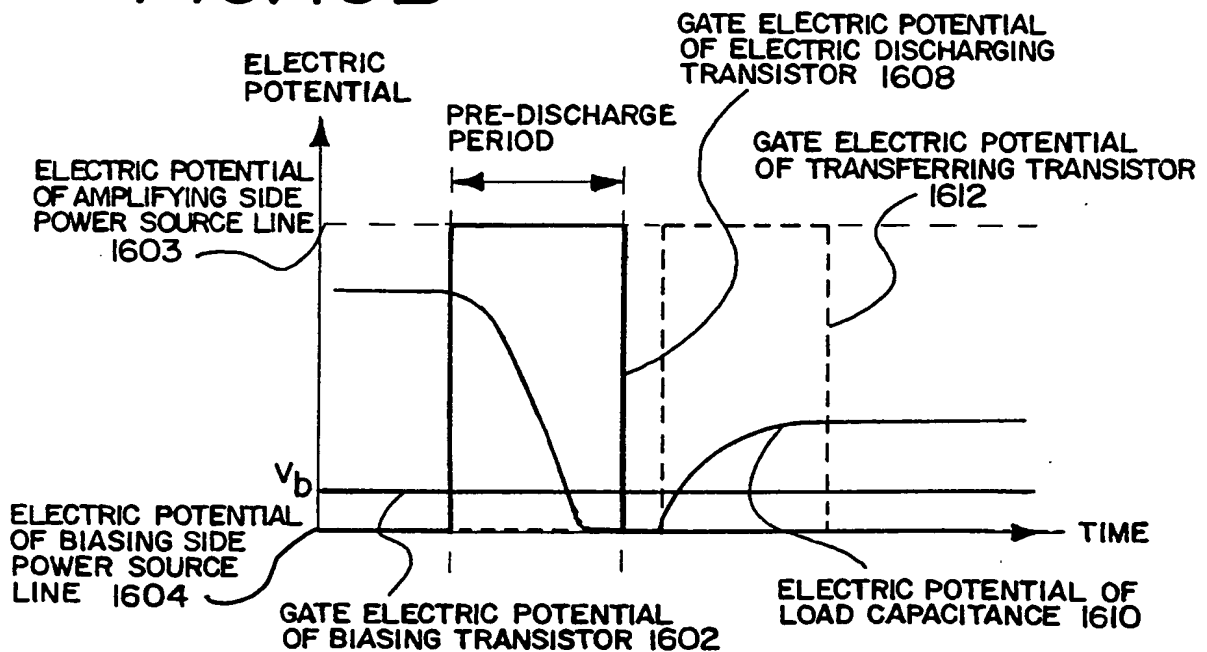


FIG. 17A

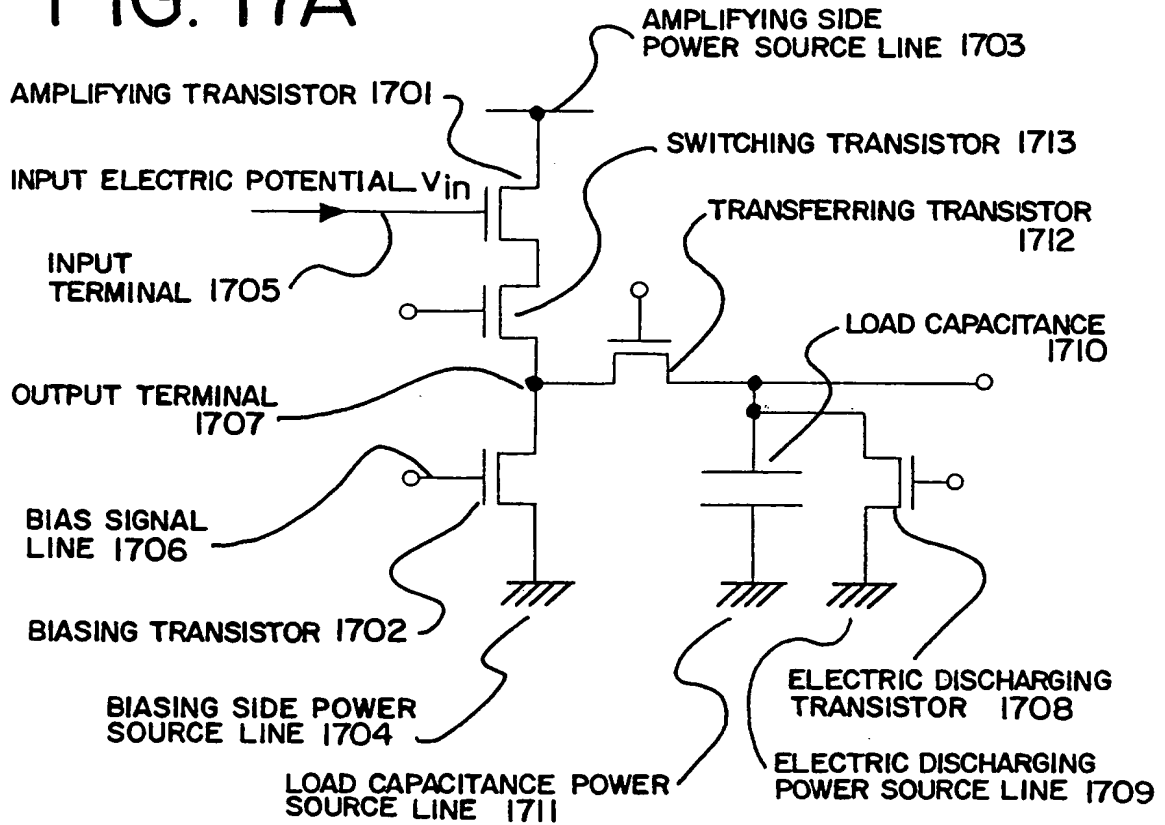


FIG. 17B

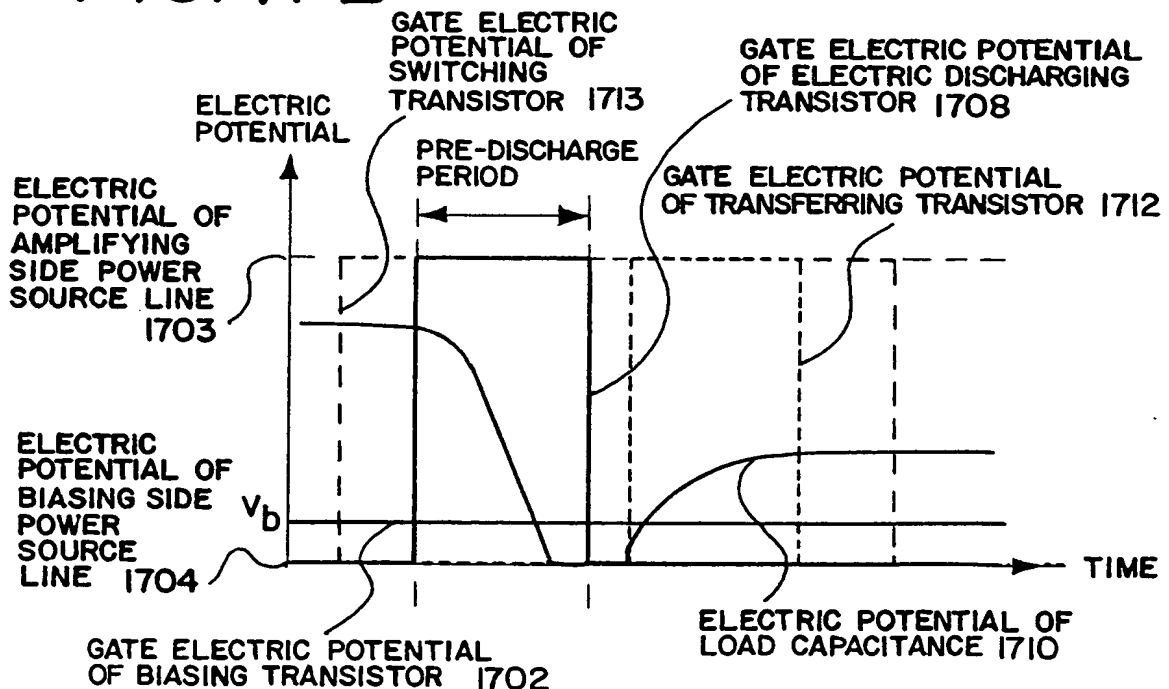


FIG. 18A

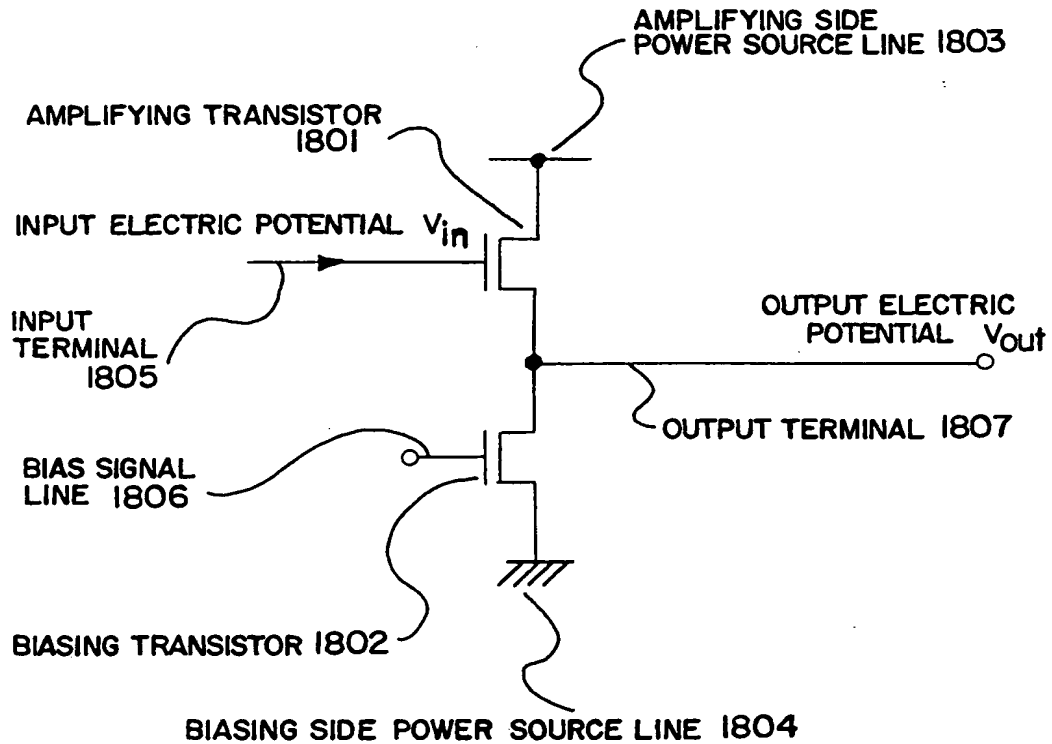


FIG. 18B

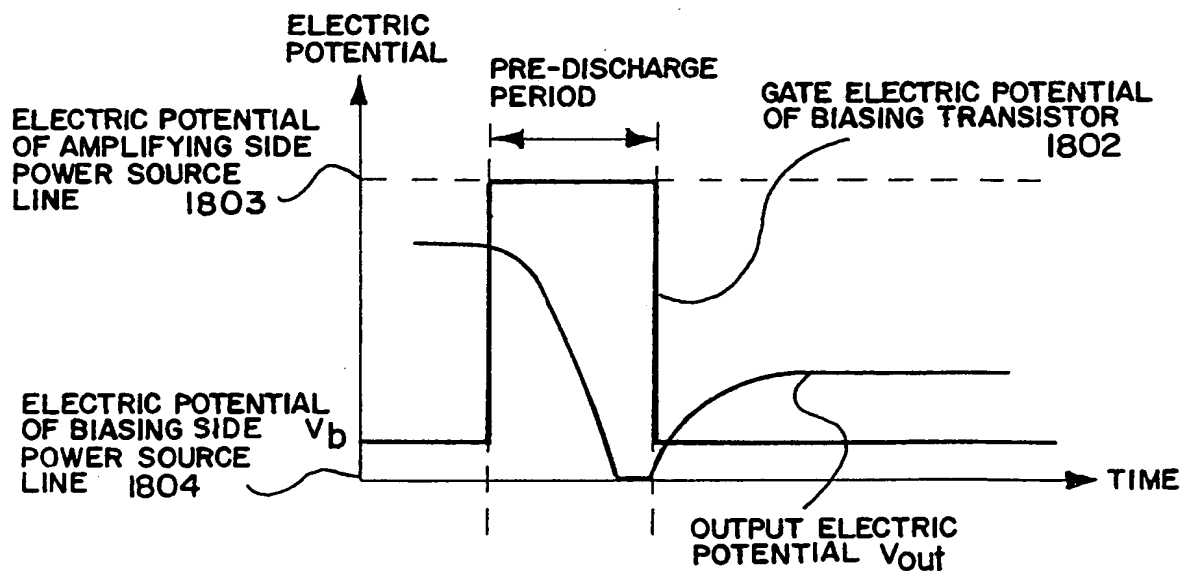


FIG. 19A

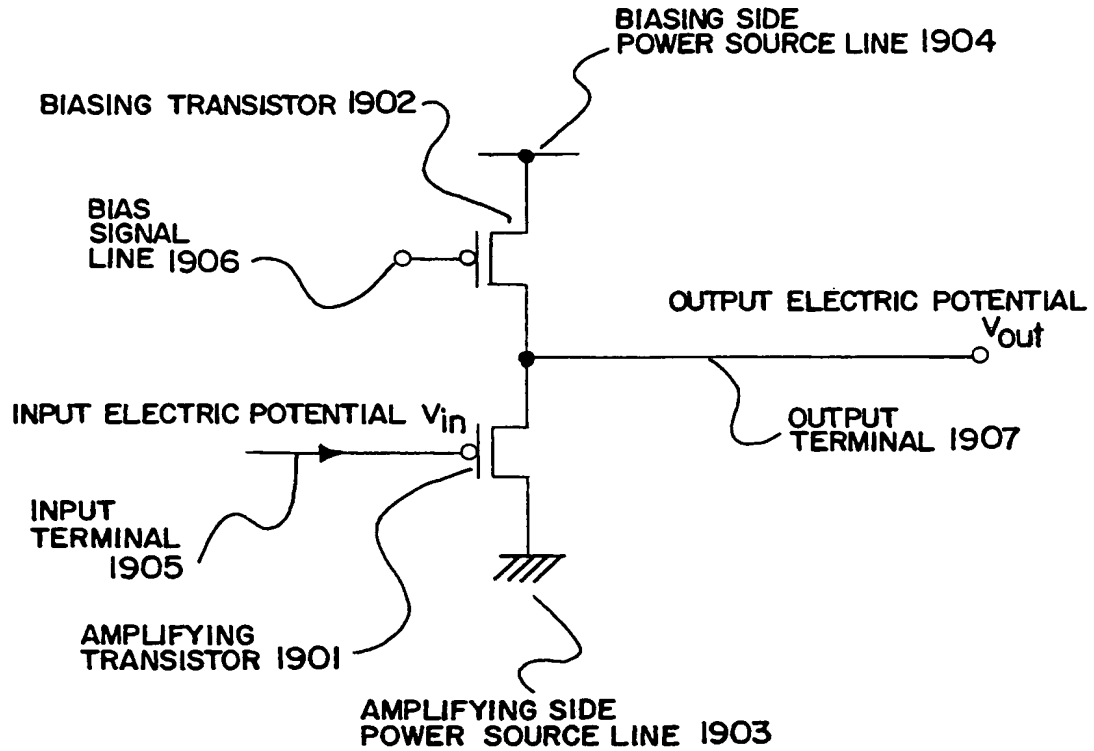


FIG. 19B

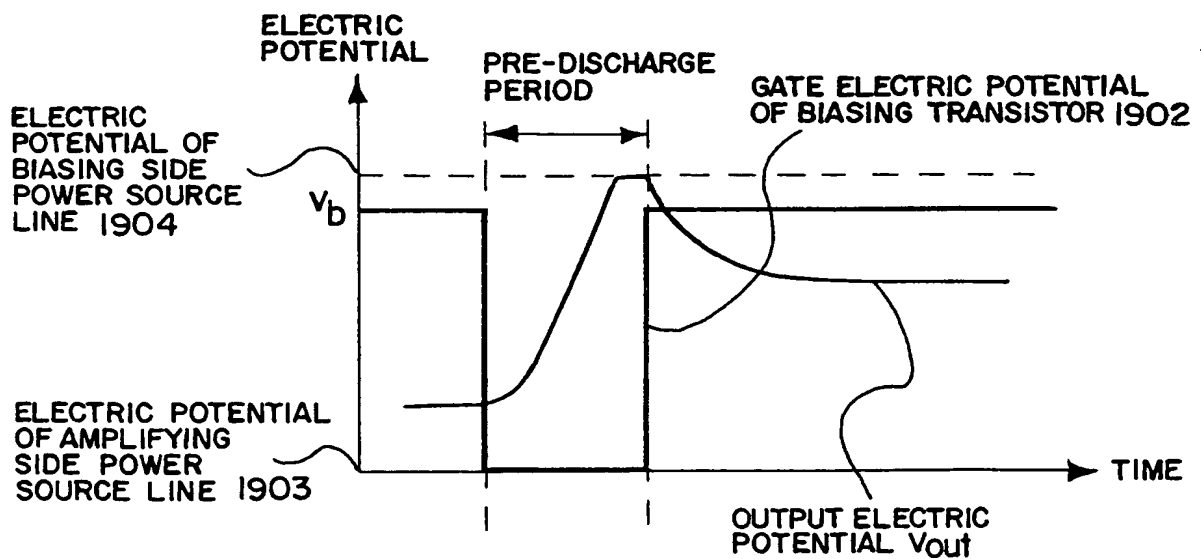




FIG. 20

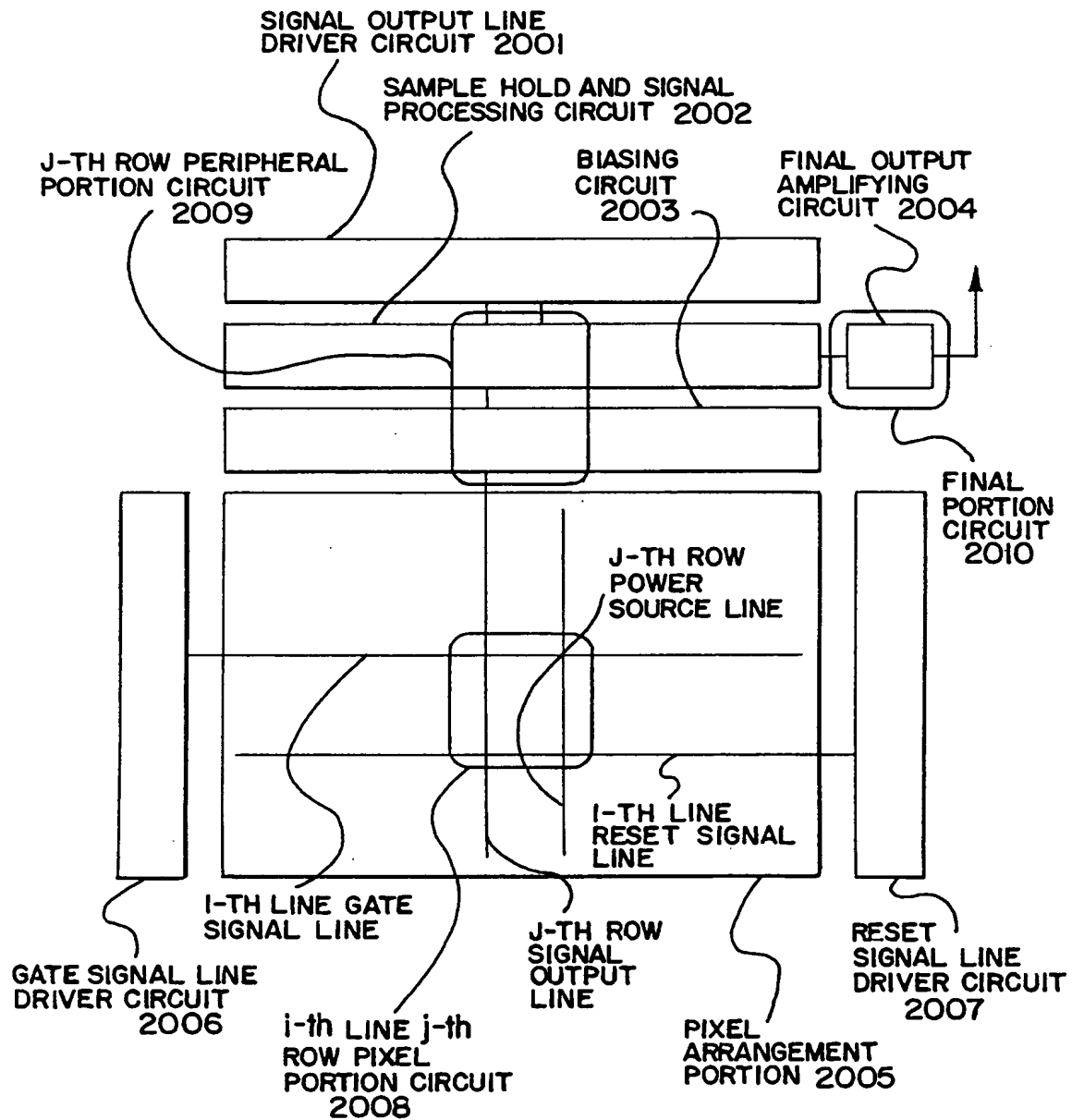


FIG. 21

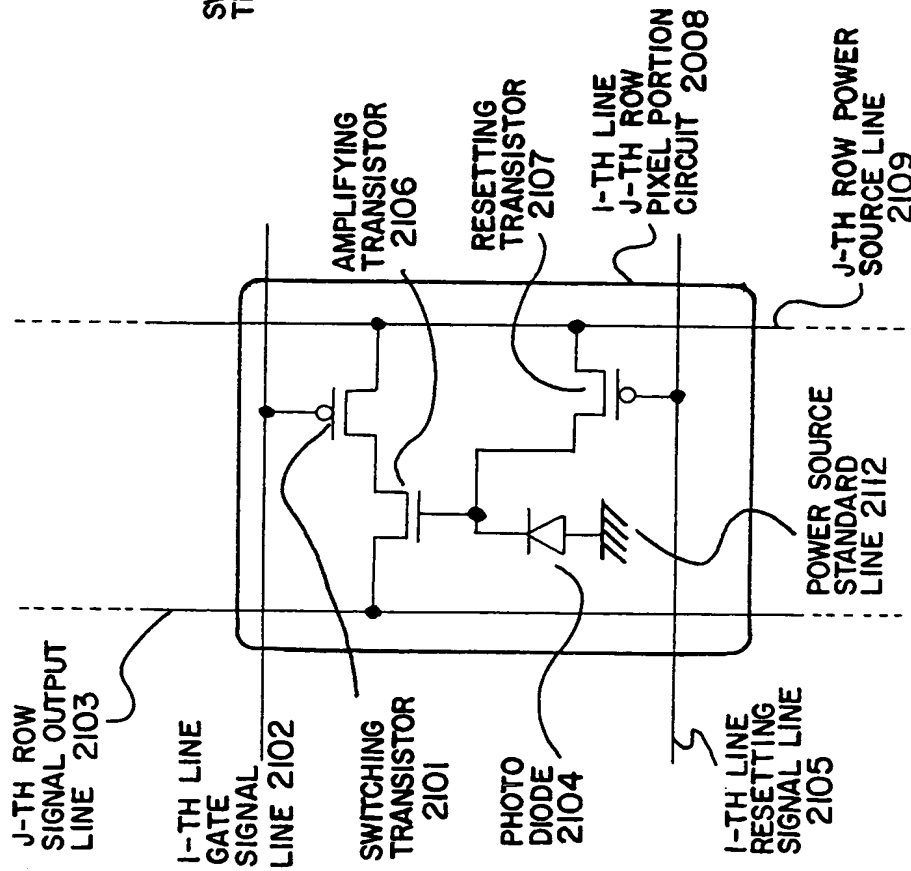


FIG. 22

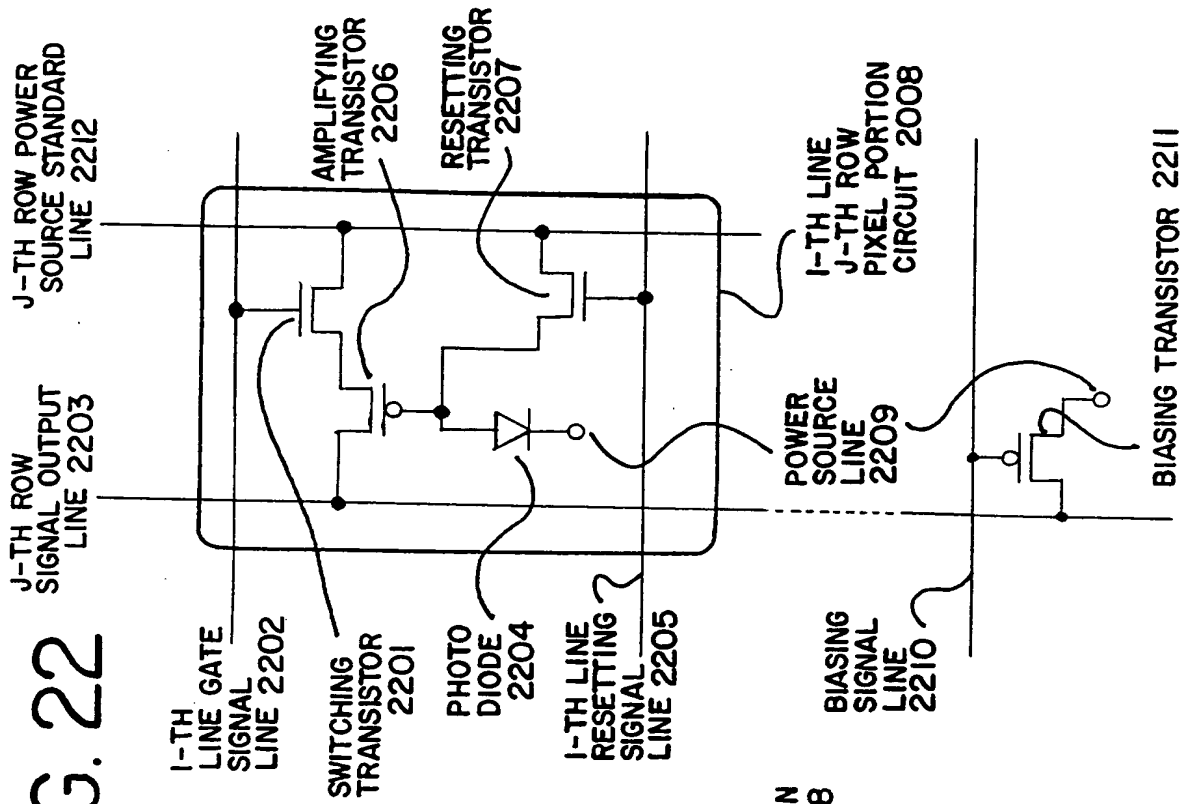


FIG. 23

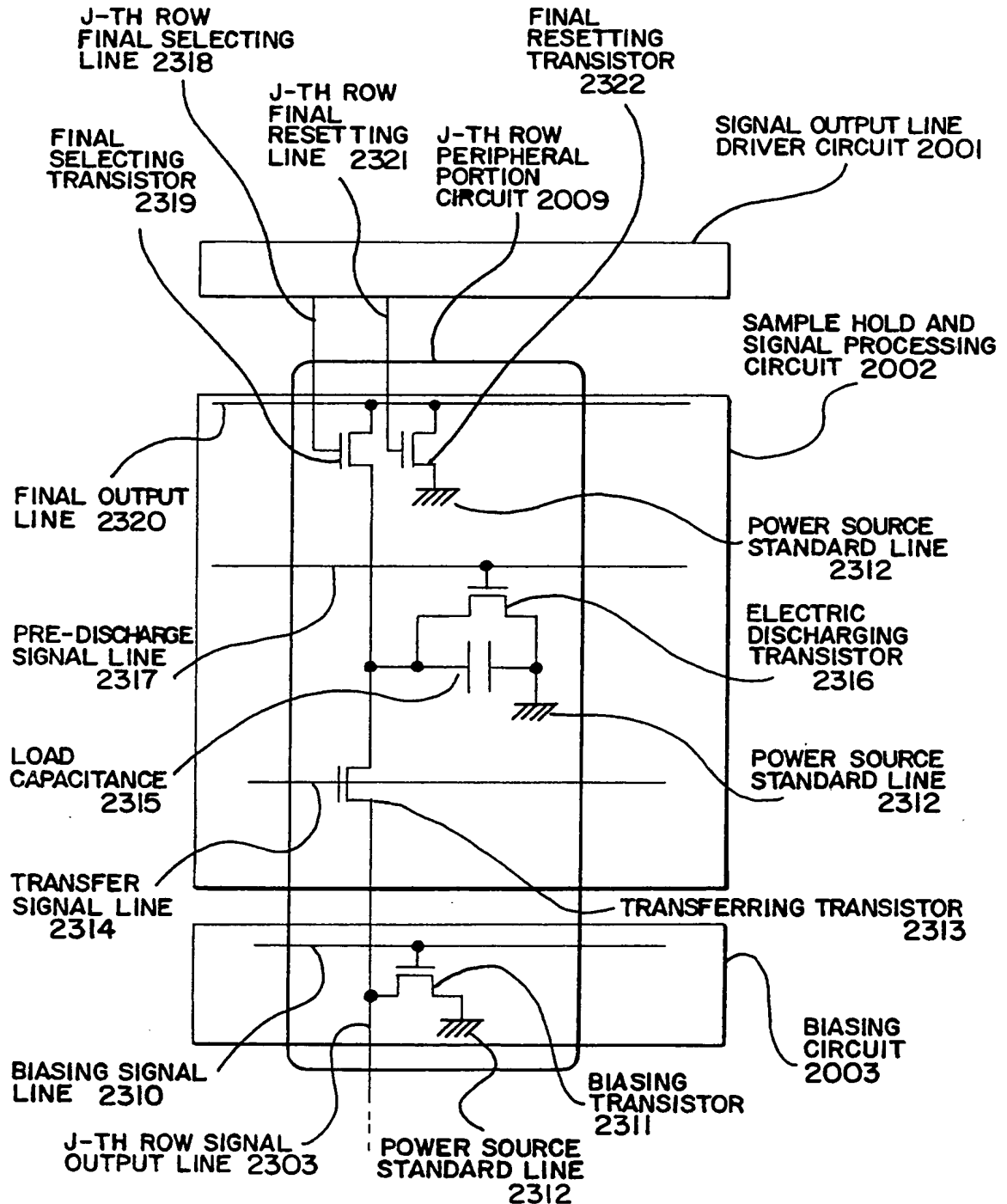


FIG. 24

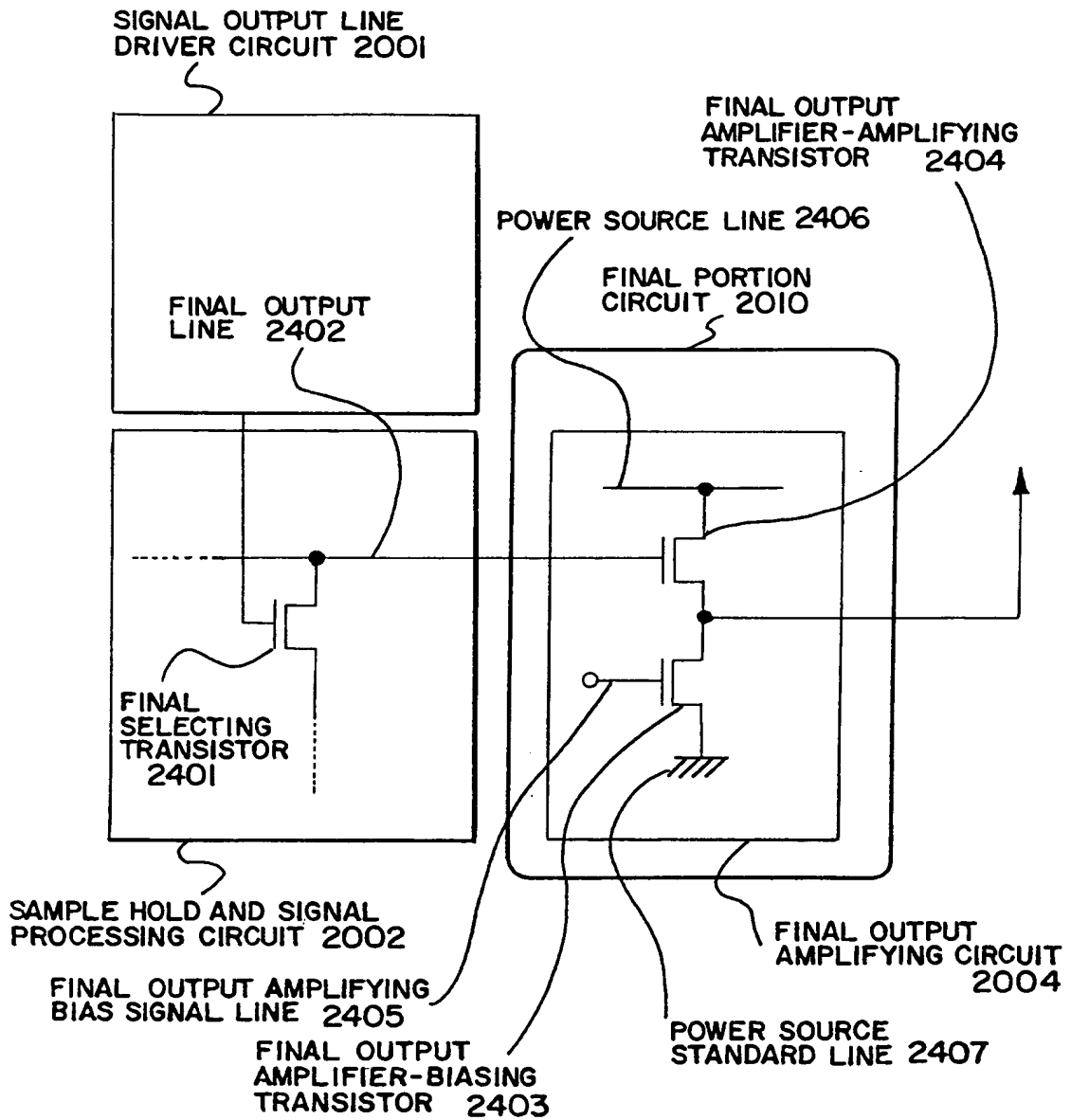


FIG. 25

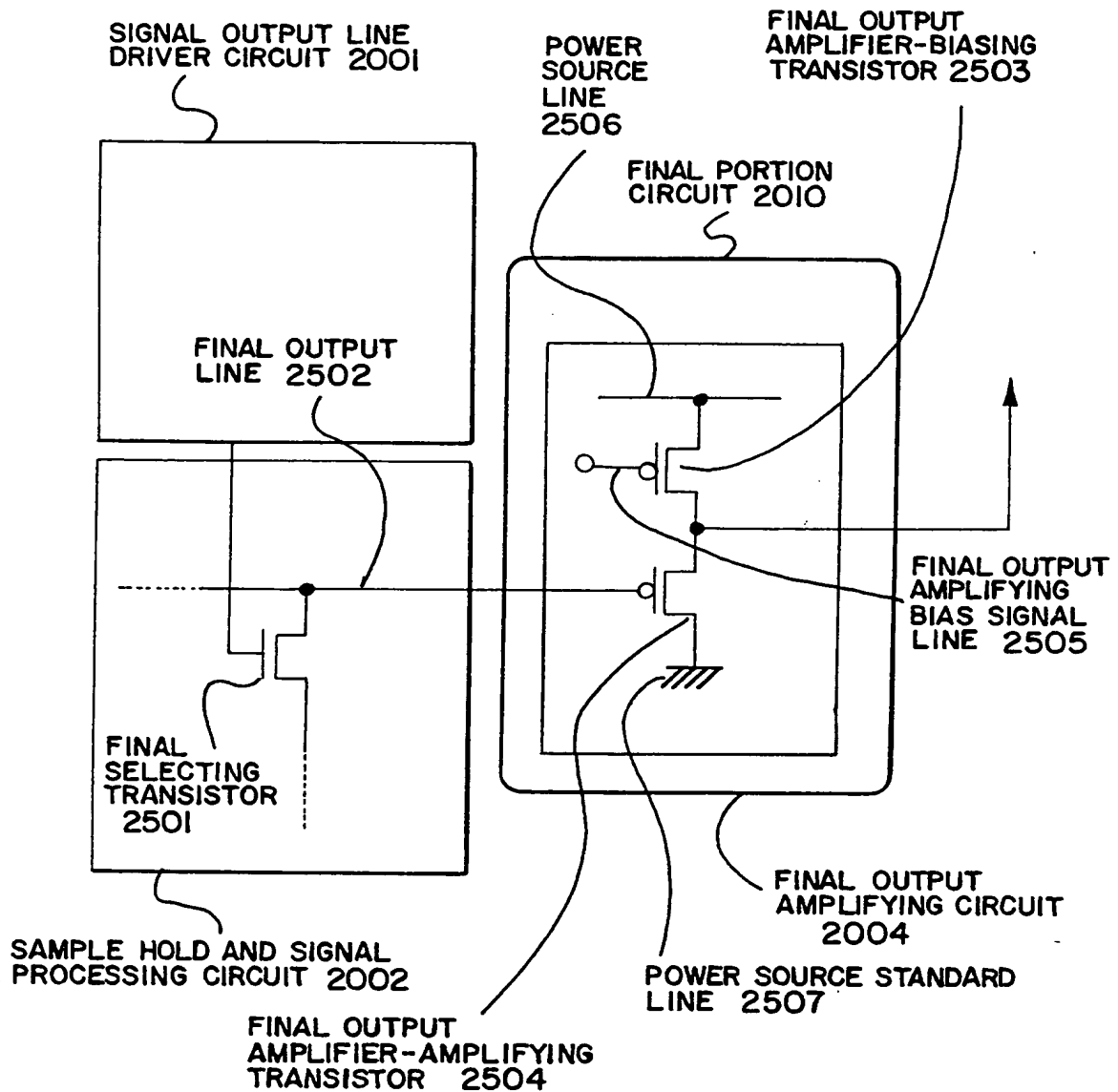


FIG. 26

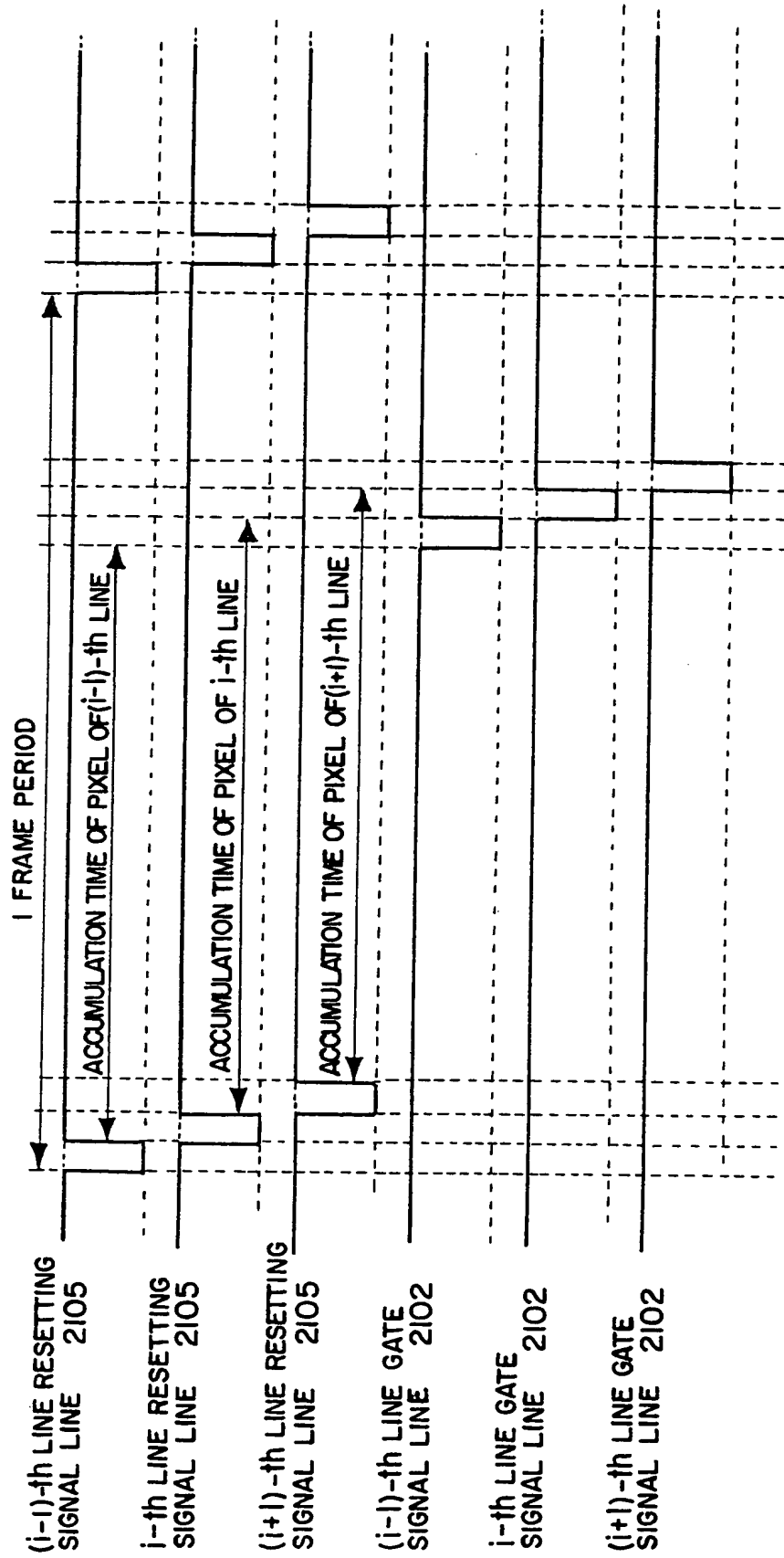


FIG. 27

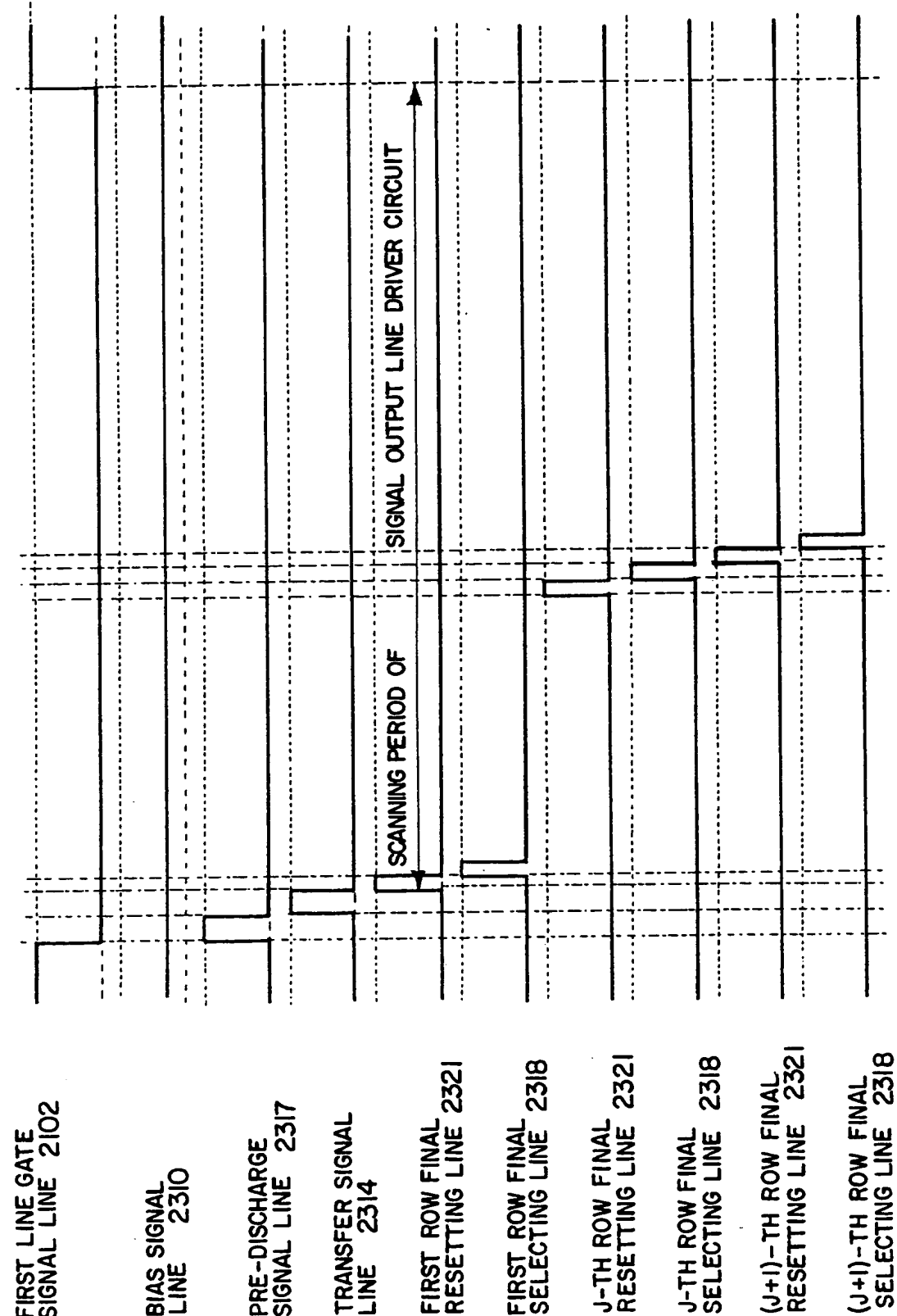


FIG. 28

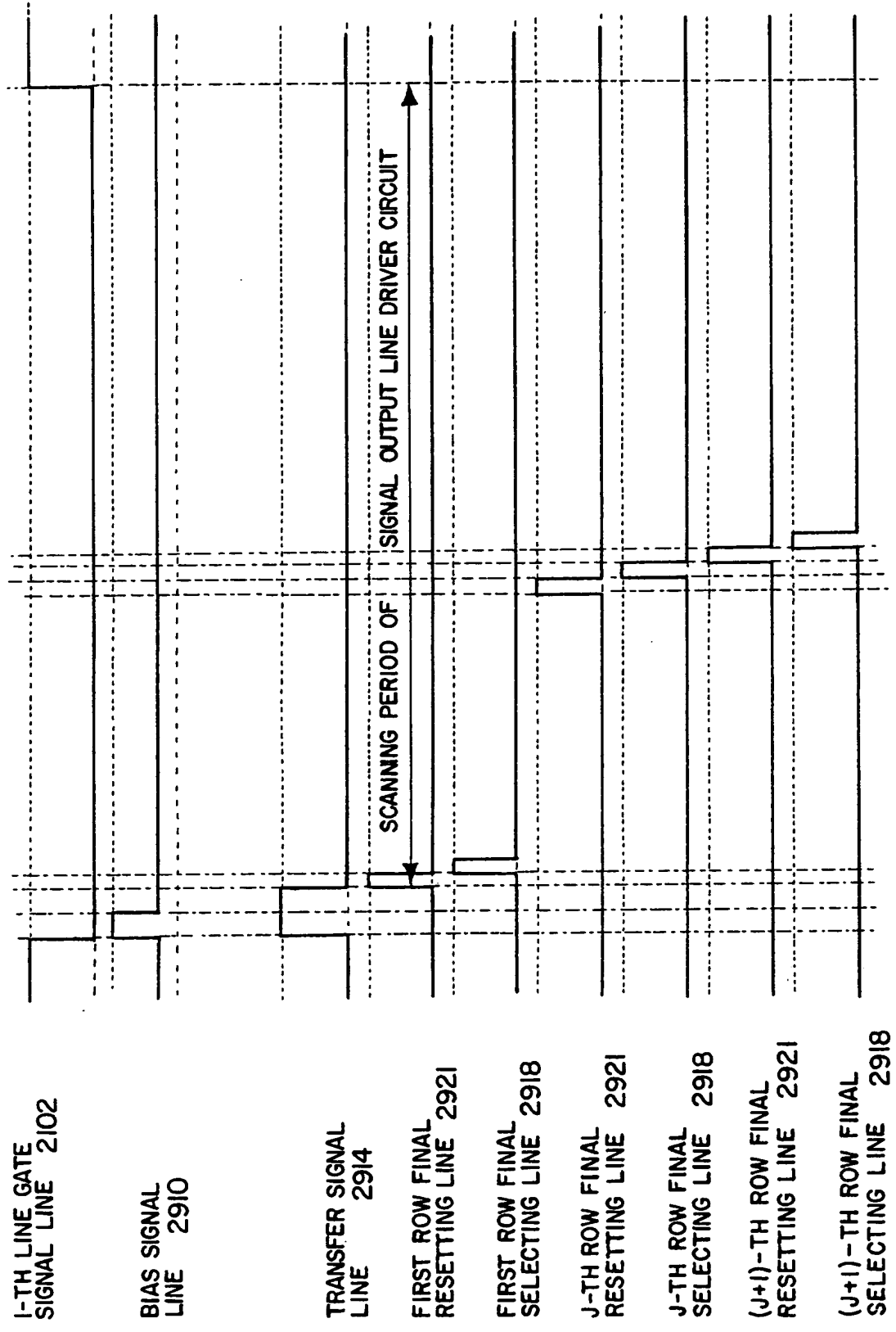




FIG. 29

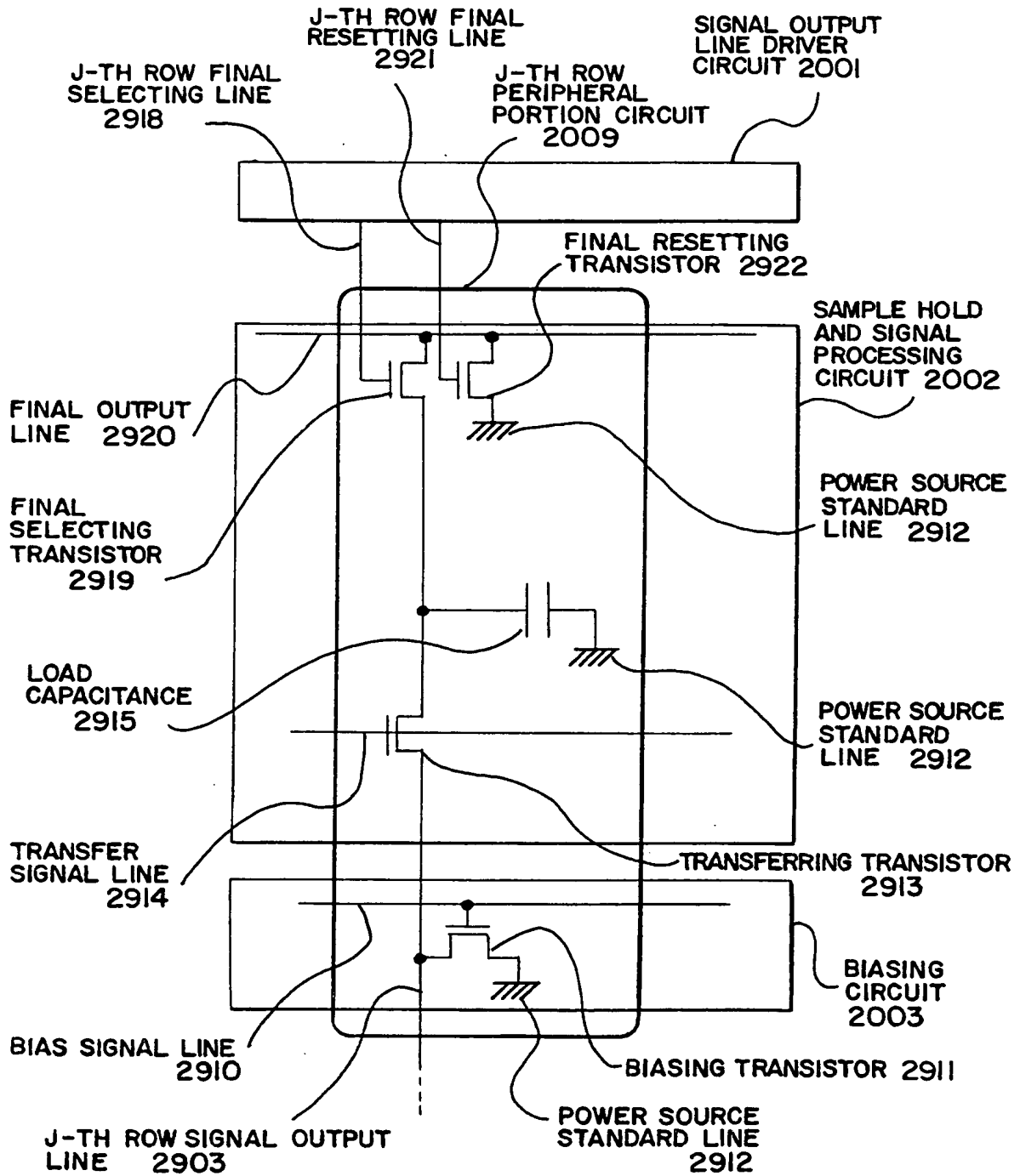


FIG. 30A CRYSTALLIZATION STEP

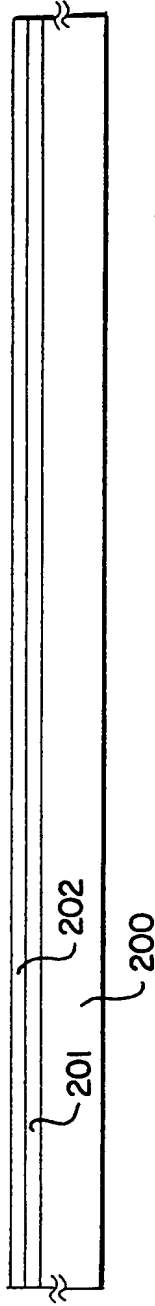


FIG. 30B

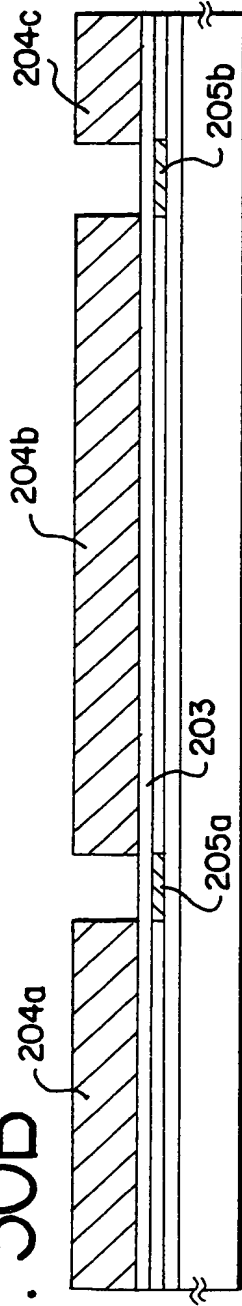


FIG. 30C

LASER ANNEALING STEP

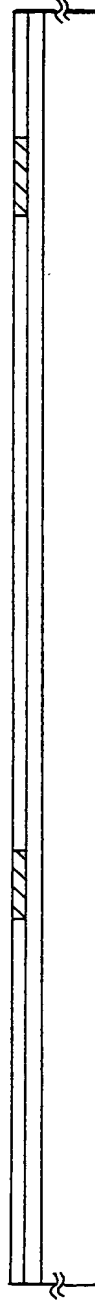


FIG. 30D

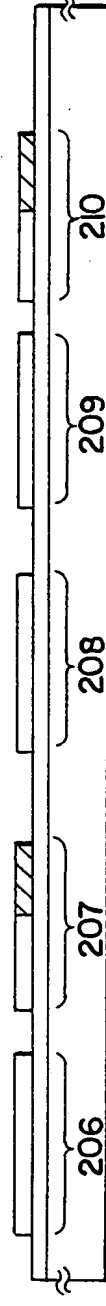


FIG. 3IA

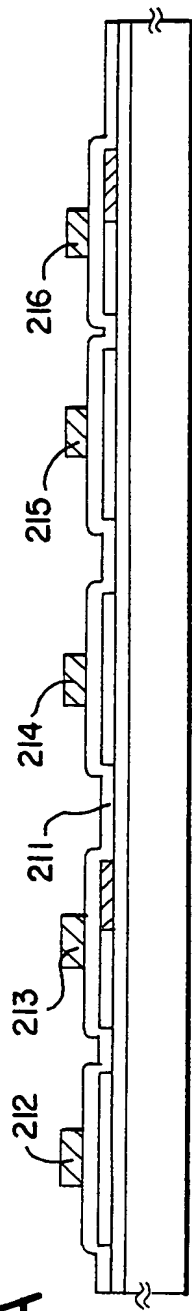


FIG. 3IB

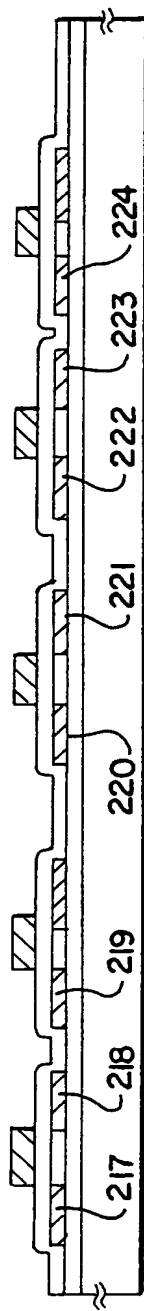


FIG. 3IC

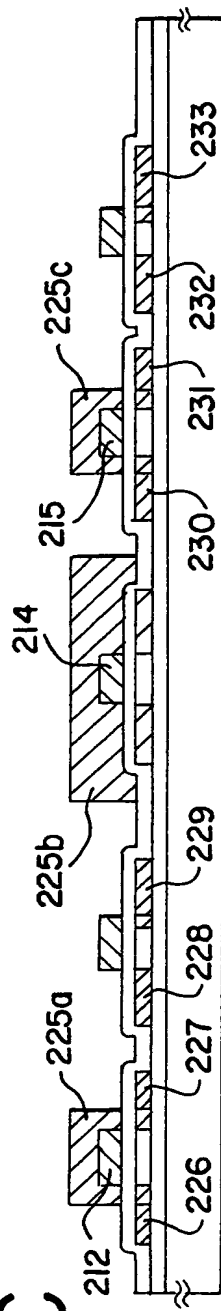


FIG. 3ID

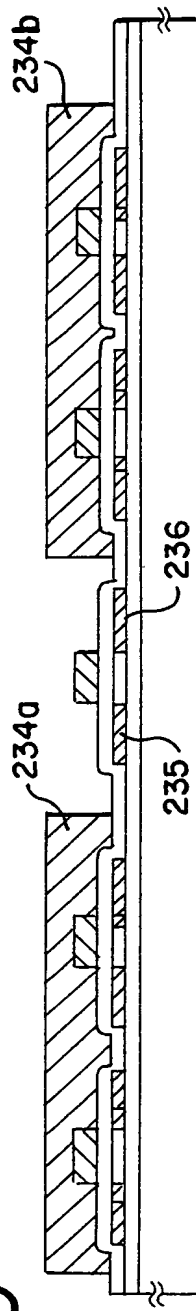


FIG. 32A

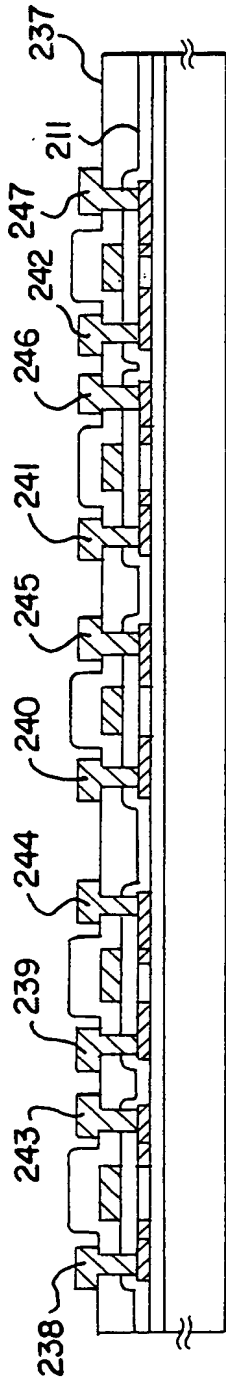


FIG. 32B

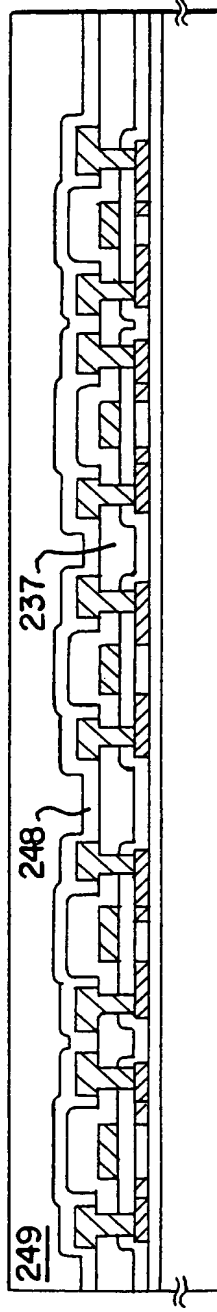


FIG. 32C

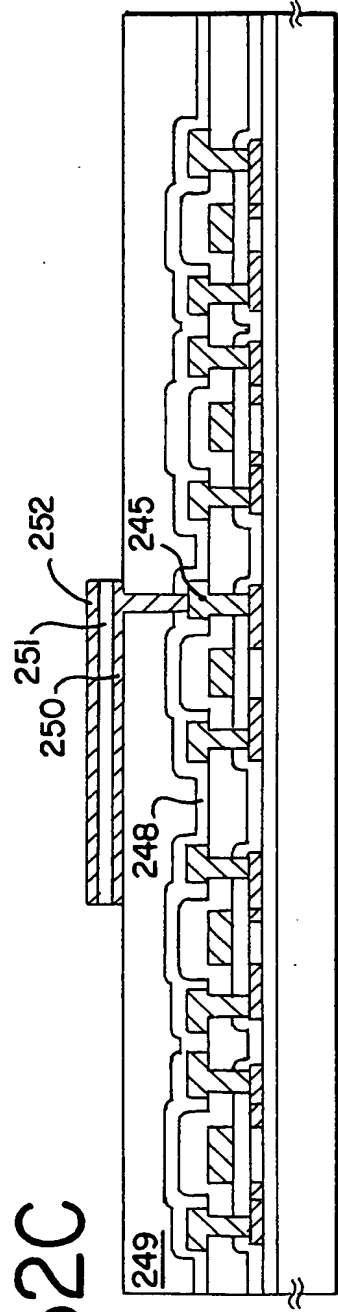


FIG. 33A

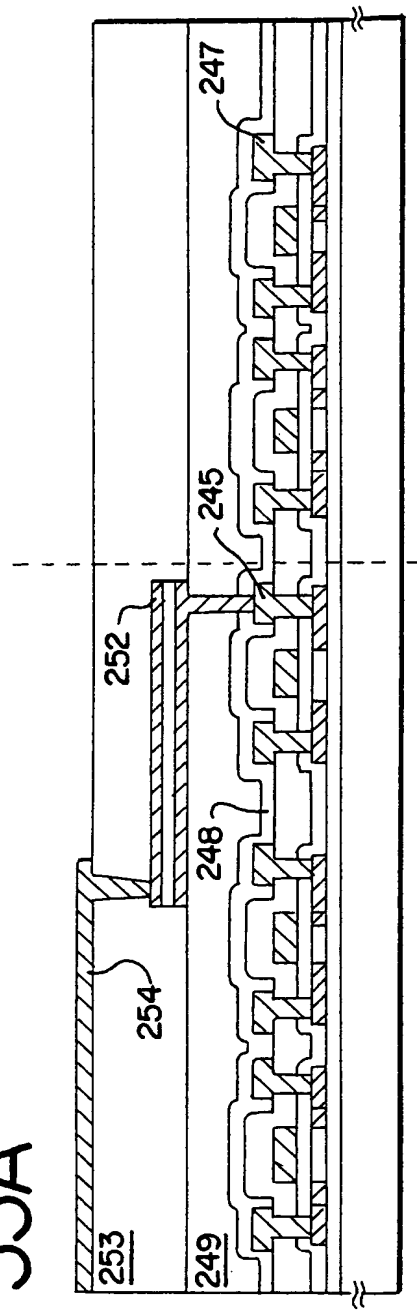


FIG. 33B

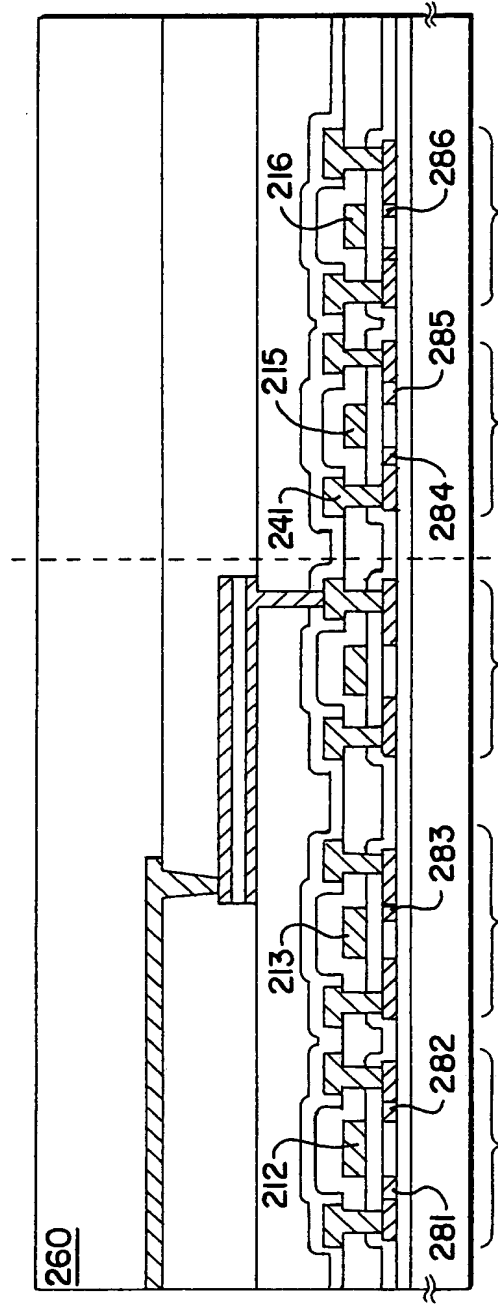


FIG. 34A

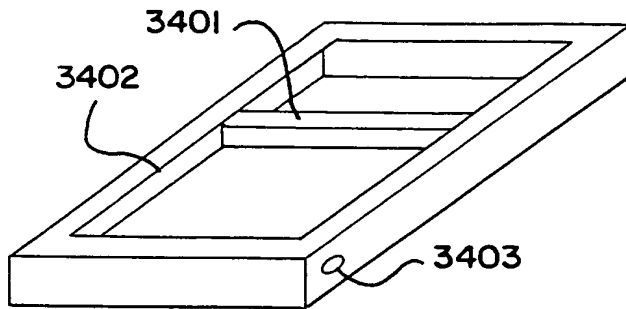


FIG. 34B

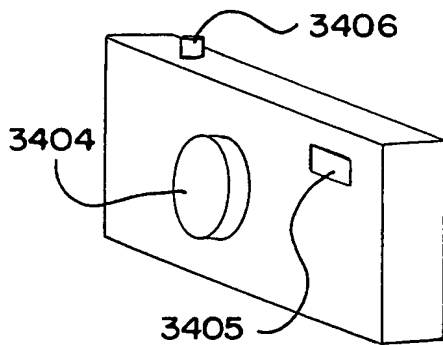


FIG. 36

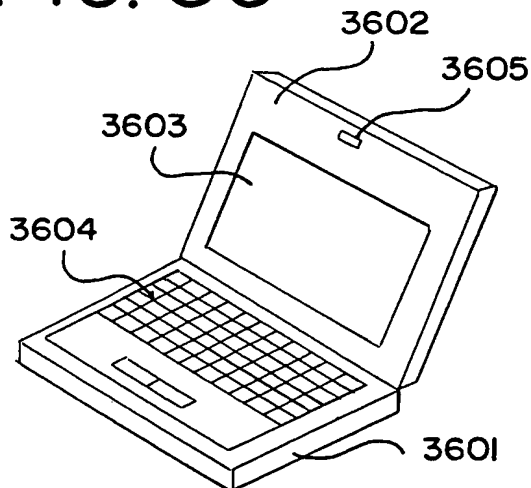


FIG. 35

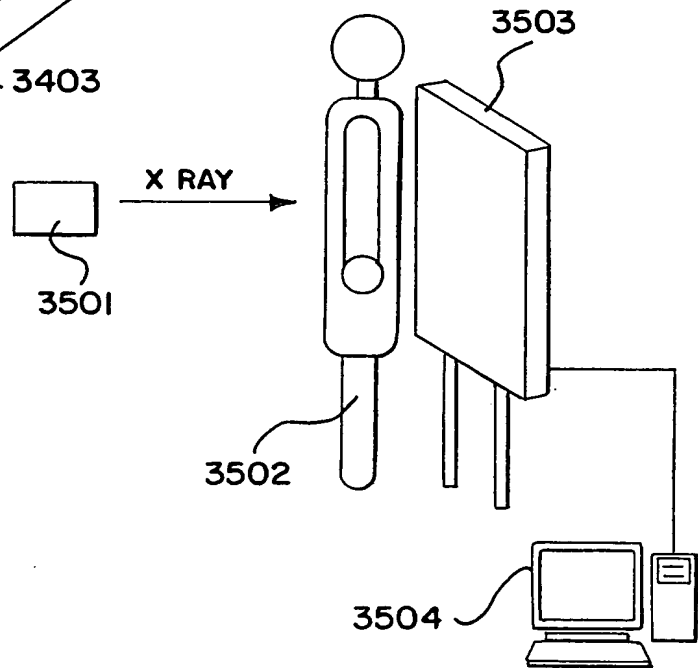


FIG. 37

